

AD-A152 453

MANAGEMENT ANALYSIS OF THE PROGRAMMING PROCESS (MAPP)
PHASE II PROCUREMENT APPROPRIATIONS(U) LOGISTICS
STUDIES OFFICE (ARMY) FORT LEE VA R D ABEYTA ET AL.

1/2

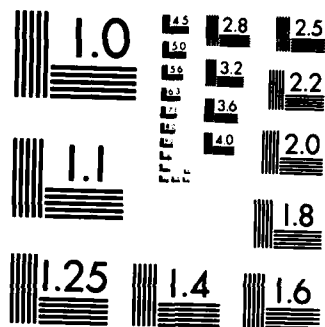
UNCLASSIFIED

OCT 84 LSO-050-2

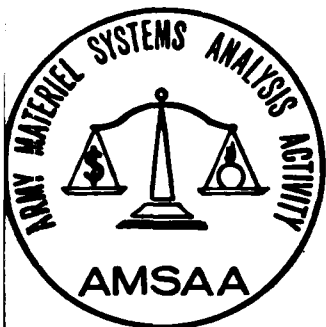
F/G 5/1

NL

AMSA



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A



AMSAA

LOGISTICS STUDIES OFFICE

AD-A152 453

PROJECT NUMBER 050 (PHASE II)

FINAL REPORT

MANAGEMENT ANALYSIS
OF THE PROGRAMMING PROCESS (MAPP)
PHASE II: PROCUREMENT APPROPRIATIONS

OCTOBER 1984

DTIC
ELECTE
APR 15 1985
S
A

U. S. ARMY MATERIEL SYSTEMS ANALYSIS ACTIVITY

LOGISTICS STUDIES OFFICE

FORT LEE, VIRGINIA 23801

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION UNLIMITED

DISCLAIMER

The views, opinions, and/or findings contained in this report are those of the authors and should not be construed as an official Department of the Army position, policy, or decision, unless so designated by other documentation.

The word "he" is intended to include both the masculine and feminine genders; any exception to this will be so noted.

PEER REVIEW

This report has been conscientiously reviewed by Messrs. Paul E. Grover, Operations Research Analyst, and John R. Lenassi, Logistics Management Specialist.

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM	
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER	
AD-A152452			
4. TITLE (and Subtitle) Management Analysis of the Programming Process (MAPP), Phase II: Procurement Appropriations		5. TYPE OF REPORT & PERIOD COVERED Final Report	
		6. PERFORMING ORG. REPORT NUMBER LSO Project 050 (Phase II)	
7. AUTHOR(s) Richard D. Abeyta Edward F. Glavan, Jr.		8. CONTRACT OR GRANT NUMBER(s)	
9. PERFORMING ORGANIZATION NAME AND ADDRESS Logistics Studies Office US Army Materiel Systems Analysis Activity Fort Lee, VA 23801-6046		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS	
11. CONTROLLING OFFICE NAME AND ADDRESS US Army Materiel Command DCS for Resource Management, Sys Mgt Div Alexandria, VA 22333-0001		12. REPORT DATE October 1984	
		13. NUMBER OF PAGES 114	
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report) Unclassified	
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE	
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.			
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)			
18. SUPPLEMENTARY NOTES The views, opinions, and/or findings contained in this report are those of the authors and should not be construed as an official Department of the Army position, policy, or decision, unless so designated by other documentation.			
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Procurement Appropriation; Long-Range Research, Development, and Acquisition Plan (LRRDAP); Army Materiel Plan (AMP); AMP Reviews; Planning, Programming, Budgeting, and Evaluation System (PPBES); Program Resource Management System (PRMS).			
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This study developed a descriptive model of the HQ AMC FY 86-90 Procurement programming process. The model graphically depicts the AMC Procurement programming infrastructure in terms of organizational interfaces and information flow. It is a historical representation of the programming activities occurring from May 1983 to March 1984. The DA LRRDAP and AMP review processes are highlighted.			

DD FORM 1473
1 JAN 73

EDITION OF 1 NOV 65 IS OBSOLETE

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

MANAGEMENT ANALYSIS
OF THE PROGRAMMING PROCESS (MAPP)

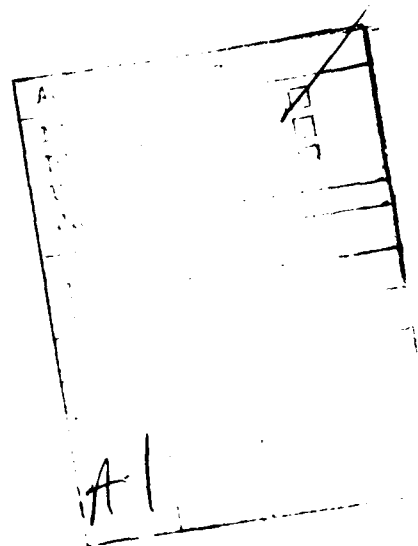
PHASE II: PROCUREMENT APPROPRIATIONS

LOGISTICS STUDIES OFFICE
PROJECT NUMBER 050 (PHASE II)

FINAL REPORT
OCTOBER 1984

RICHARD D. ABEYTA
EDWARD F. GLAVAN, JR.

LOGISTICS STUDIES OFFICE
US ARMY MATERIEL SYSTEMS ANALYSIS ACTIVITY
FORT LEE, VIRGINIA 23801-6046



ABSTRACT

This report contains a descriptive model of the HQ AMC PPBES (Planning, Programming, Budgeting, and Execution System) programming process for the five Procurement appropriations. They are Aircraft, Missile, Weapons and Tracked Combat Vehicles, Ammunition, and Other (commercial vehicles, communications and electrical equipment, construction equipment, generators, and medical support). The model shows the organizational interfaces and information flow which comprise AMC's support of the Army's procurement programming requirements. It is an historical representation of AMC's activities in support of the Army FY 86-90 Program Objective Memorandum (POM), occurring from May 1983 to March 1984. The report is factually written (e.g., with actual dates) to enhance readability and accuracy, and to assist the comprehension of the material for readers without an intimate knowledge of the PPBES.

This research was conducted as the second phase of the Management Analysis of the Programming Process (MAPP) Study performed by the Logistics Studies Office (LSO), US Army Materiel Systems Analysis Activity (AMSAA), under the sponsorship of the Assistant Deputy Chief of Staff for Program Analysis and Evaluation (PAE), HQ AMC. Phase I addressed the RDTE (Research, Development, Test, and Evaluation) appropriation and its model was published in an LSO report dated March 1984. Phase III will address OMA (Operation and Maintenance, Army).

TABLE OF CONTENTS

	<u>Page</u>
Disclaimer and Peer Review	Back of Cover Sheet
Abstract	i
Table of Contents	ii
List of Tables and Figures	iii
 Executive Summary	
1. Authority for the Study	1
2. Background/Problem	1
3. Objectives	1
4. Scope of Study	2
5. Methodology	2
6. Findings and Conclusions	2
7. Recommendations	3
 Main Report	
I. Background	5
II. Objectives	6
III. Limits and Scope	6
IV. Methodology	6
V. Model of the Programming Process	6
A. Basic Structure	6
B. Model Description	8
VI. Findings and Conclusions	15
VII. Recommendations	16
 Appendices	
A. LRRDAP Process	A-1
B. AMP Review Process	B-1
C. Secondary Items, PBS, and TRACE-P Processes	C-1
D. Weapon System Costing and Programming	D-1
E. Army Procurement Appropriations	E-1
F. Procurement "P" Forms	F-1
G. Data Formats	G-1
H. Acronyms	H-1
I. Glossary	I-1
J. Bibliography	J-1

LIST OF TABLES

<u>Table</u>		<u>Page</u>
F1	"P" Form Requirements	F-2

LIST OF FIGURES

<u>Figure</u>		
1	Framework of Model	7
2,A	LRRDAP Network	9,A-2
3,B	AMP Review Network	11,B-2
4,C	Supplemental Networks	13,C-2
5	Composite Network of the Procurement Programming Process	14
D	Weapon System Costing and Programming	D-2

EXECUTIVE SUMMARY

1. Authority for the Study.

a. The Deputy Chief of Staff for Resource Management is the principal staff advisor to the Commanding General on the overall AMC PPBES. This broad charter requires a general knowledge of the programming processes for each of the separate appropriations. These processes have evolved somewhat independently while under proponenty of separate functional staff elements (i.e., the DCS for Supply, Maintenance, and Transportation (SMT) is proponent for Procurement resources; the DCS for Development, Engineering, and Acquisition (DEA) is proponent for RDTE resources; the DCS for Personnel, Training, and Force Development (PTFD) is proponent for manpower resources; the DCS for Installations and Services (I&S) is proponent for Military Construction, Army (MCA) resources; and PAE is proponent for OMA resources).

b. As part of PAE's ongoing effort to develop a Program Resource Management System (PRMS), their Information Resource Management Division tasked the US Army Materiel Systems Analysis Activity (AMSAA) to conduct a systems analysis of the programming process for selected appropriations. The Logistics Studies Office (LSO), as a research element of AMSAA, is performing this analysis in a study effort entitled "Management Analysis of the Programming Process (MAPP)." This published report addresses the Procurement appropriations as the second phase of the MAPP study. Phase I addressed RDTE and Phase III will address OMA.

2. Background/Problem. The Army's PPBES has evolved along functional lines, particularly at AMC level. The various appropriations have spawned multiple independent (i.e., stovepipe) systems to formulate AMC manpower and dollar requirements for the Army POM. The result is too much busy work associated with program development and minimum staff resources directed to analysis, evaluation, justification, and presentation of useful program information. AMC currently does not have a multi-appropriation PPBES data base which provides the capability to view the total program resource requirements for all appropriations. Also, the information requirements of HQ AMC users and decision makers have not been specified in relation to the existing data base systems.

3. Objectives.

a. Develop models of the current AMC PPBES programming process for selected appropriations.

b. Recommend simplifications and other improvements to the AMC PPBES programming process.

c. Provide a basis for future development of an automated AMC Program Resource Management System (PRMS) data base to support the resource decision making process.

NOTE: The office titles and symbols in this report reflect AMC's reorganization from the US Army Materiel Development and Readiness Command (DARCOM) to the US Army Materiel Command (AMC), effective 1 August 1984.

4. Scope of Study. The scope of the MAPP study is limited to focus on HQ AMC level activities. Interface with HQDA from above and major subordinate commands (MSC)/installations below is limited to information exchange; i.e., transfer of data preparation guidance and subsequent responses. Although this study identifies the flow of PPBES requirements data, it makes no attempt at detailed data analysis or data base design. The study concentrates on the five programming years. Planning years and budget/execution years are not explicitly addressed except as interfaces. The network models are descriptive and thus portray historical activities and events rather than generic processes. They can serve as a baseline for future updates.

5. Methodology. The research methodology consisted of a series of interviews with HQDA and AMC staff personnel and a review of Procurement programming documents.

6. Findings and Conclusions.

a. The Procurement programming process essentially consists of two distinct subprocesses. They are the review of the DA Long-Range Research, Development, and Acquisition Plan (LRRDAP) and the Summer and Winter Army Materiel Plan (AMP) reviews.

b. AMC does not generate "AMC programming requirements" for the procurement appropriation in the same sense as it does for the RDTE and OMA appropriations. The Army's quantitative materiel requirements (or procurement programming requirements) are determined by DA in the form of the Army Acquisition Objectives (AAO) based on OSD planning guidance. AMC's role as the materiel developer in the procurement programming process is to insure program executibility and balance, good business sense (e.g., economical production rates), and readiness (e.g., minimize backorders and maintenance problems). AMC prepares the Army Materiel Plan (AMP) which integrates logistics planning data with procurement plans. The AMP also recommends annual procurement programs and resulting inventory levels. AMC can influence the POM at the Winter AMP reviews where ODCSRDA and AMC examine each item in terms of priorities, competing requirements, and resource limitations in order to achieve a balanced procurement program.

c. The System for Automation of Materiel Plans for Army Materiel (SAMPAM) is the automated AMP. The major subordinate commands (MSC) submit it to ODCSRDA after incorporating the results of the AMP reviews. The SAMPAM is essentially only utilized by ODCSRDA to update the materiel asset positions of the Army's procurement data. The SAMPAM is ODCSRDA's only source for the asset position data.

d. The FY 86-2000 DA LRRDAP served as the baseline for the FY 86-90 Army POM. However, many lines in the DA LRRDAP under the OPA and AMMO appropriations are rolled up and thus cannot be analyzed separately. This limits its usefulness to AMC in developing the OPA and AMMO portions of the POM AMP.

e. Minimal Total Risk Assessing Cost Estimate for Production (TRACE-P) representation at the AMP reviews is contributing to unfunded TRACE-P program requirements.

f. Decisions from the concurrent overlapping PPBES cycles and other DA-level actions are constantly changing the baseline from which AMC's programming requirements are formulated.

7. Recommendations.

a. The review of the DA LRRDAP and the Summer AMP reviews should be consolidated to reduce redundancy of effort at the MSC level. The MSCs would comment only on an early draft DA LRRDAP (available during the AMP reviews) with subsequent drafts being reviewed only at HQ AMC.

b. AMC can more effectively influence the status of the TRACE-P program funding by having a HQ AMC TRACE-P representative attend the AMP reviews to provide expertise. This would also help HQ AMC to stay informed of the status of the TRACE-P programs.

THIS PAGE IS INTENTIONALLY LEFT BLANK

MAIN REPORT

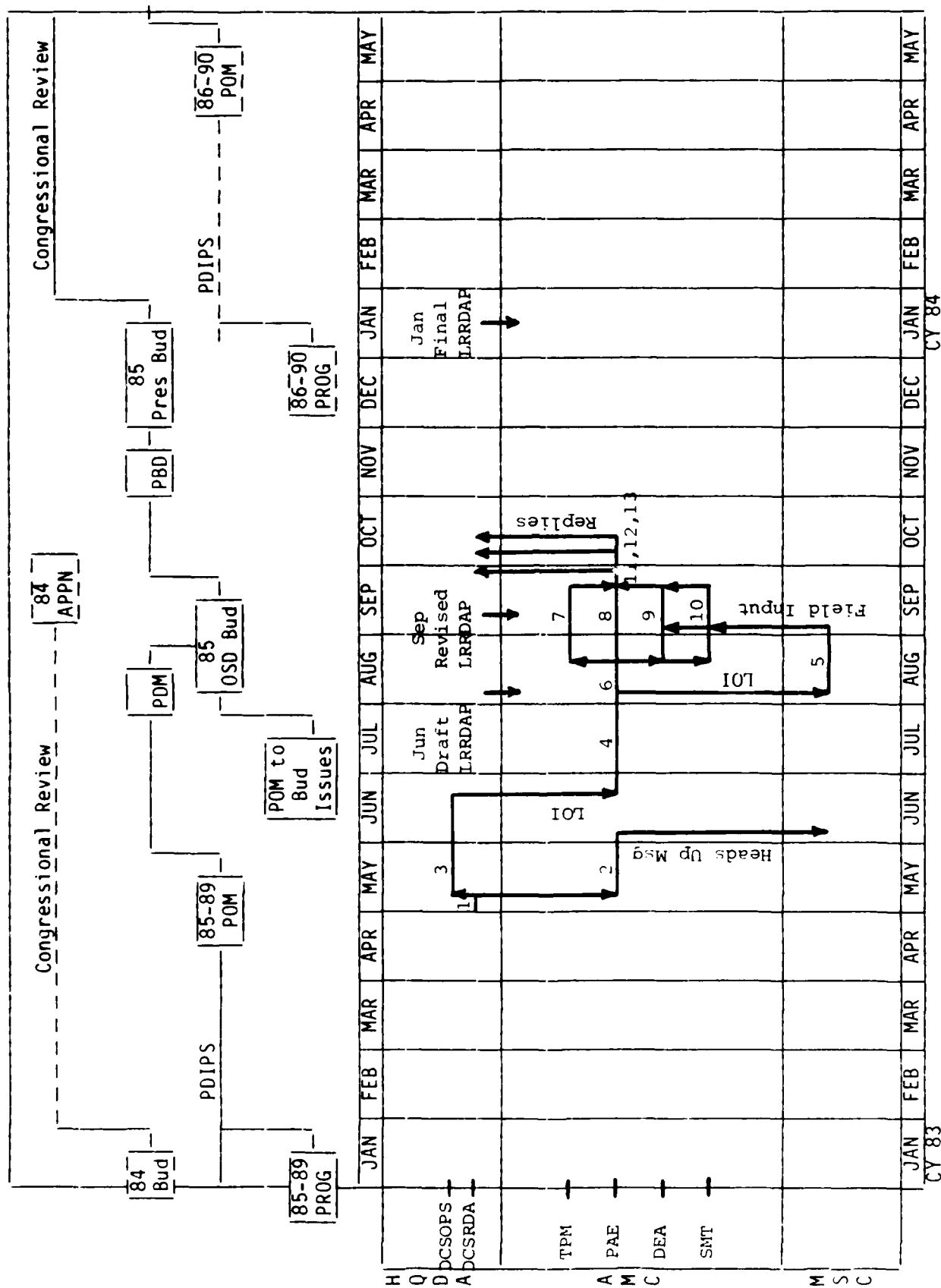
I. Background.

A. The development of AMC resource requirements for its five-year program submission to HQDA has historically been a very time-consuming process, aggravated by the physical volume and detail of reporting requirements. In response to the need to improve the management of AMC/HQDA program information, three separate automated systems were developed for the major appropriation programs: the Army Materiel Plan (AMP) for the Procurement appropriations, the Modernized Army Research and Development Information System (MARDIS) for the RDTE appropriation, and the Program Analysis and Resource Review (PARR) for the OMA appropriation. Over the years the separation of these appropriation systems, coupled with increased reporting requirements, has led to program development characterized by separate appropriation functions, independent program development activities, and limited analysis. The lack of visibility of AMC programs as a whole, across all appropriations, has significantly inhibited the analytical efforts required to adequately identify and justify program requirements. These conditions ultimately impact the Army's ability to effectively manage those resources.

B. In October 1981, the Directorate for Program Analysis and Evaluation (PAE) was created within HQ DARCOM (since reorganized as AMC on 1 August 1984). The broad mission of PAE (now an Assistant to the DCS for Resource Management) is to integrate and balance resources across all appropriations over the program and planning years. In order to accomplish this mission, PAE is developing a Program Resource Management System (PRMS) to be supported by an automated, multi-appropriation Planning, Programming, Budgeting, and Execution System (PPBES) data base. The ultimate objective is to minimize the busy-work associated with program development and redirect staff resources to the more important job of analysis, evaluation, justification, and presentation of useful program information.

C. There are several prerequisites that must be completed prior to data base design. First, the current programming process(es) must be fundamentally defined in terms of organizations, documents, schedules, and automated data processing (ADP) systems. The product will be a hierarchy of network models for each of the major appropriations. Second, the information flows through the network models must be analyzed in terms of adequacy and redundancy within or between appropriations. Here it is essential to identify user and decision maker needs and uses for PPBES information and evaluate the ability of the current AMC programming process to provide this required information. Third, after considering the relationships between the separate appropriation systems in the context of the DA PPBES, recommendations will be made for improving and/or simplifying the AMC program development process. Finally, after investigating the state-of-the-art in data base management, an efficient and effective data base can be designed and implemented.

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA MACOM Field		LEVEL (Circle): (DA) MACOM Field		LEVEL (Circle): DA (MACOM) Field	
OFC SYM:		OFC SYM: DAMA-PP		OFC SYM: AMCRM-C	
OFC TITLE:		OFC TITLE: ODCSRDA		OFC TITLE: Res Mgt, PAE	
INPUT TITLE:		ACTIVITY TITLE: POM Lessons Learned Workshop		OUTPUT TITLE: MFRs: Expanded Role of DA LRRDAP	
DESCRIPTION:		DESCRIPTION: ODCSRDA hosted a workshop 2-5 May 83 at DSMC. Here, ARSTAF (RDA, OPS, LOG, PAE, RDAISA) and AMC critically examined the recently completed POM Build Process. It was recommended that the role of DA LRRDAP be expanded for the next POM Build Cycle (FY 86-90).		DESCRIPTION: The DA LRRDAP is to be the Army's central planning document in establishing the relative priorities, scope, and detail of Research, Development, and Acquisition (RDA) program formulation and to include Procurement as well as traditional RDTE aspects.	
DATE:		ADP SYS:		DATE: 5 May 83	
ADP SYS:				ADP SYS:	
TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
ACTIVITY SUPPORT					



APPENDIX A
LRRDAP PROCESS

The data records for the LRRDAP process follow. The data record identification number in the top right corner corresponds to the activity number on the network (Figure A).

VII. Recommendations.

A. AMC's review of the DA LRRDAP should be performed earlier to coincide with the Summer AMP reviews and thus eliminate duplication of effort at the MSC level. To facilitate this, an early (i.e., May) draft DA LRRDAP should be provided to the field based on the POM lock. Subsequent drafts (i.e., September) of the DA LRRDAP would only be reviewed at HQ level.

B. A HQ AMC TRACE-P representative should attend the AMP reviews to provide expertise and also to keep HQ AMC informed of the latest status on the TRACE-P programs.

VI. Findings and Conclusions.

A. The Procurement programming process consists of two subprocesses. They are the review of the DA LRRDAP and the AMP reviews. Programming requirements for Secondary Items, PBS, TRACE-P, and PIP are fed to HQDA through the AMP review process.

B. For the procurement appropriations, AMC does not generate "AMC programming requirements" in the same sense as it does for other appropriations such as RDTE and OMA. The Army's quantitative materiel requirements (or procurement programming requirements) are determined by DA in the form of the Army Acquisition Objective (AAO) based on OSD planning guidance. As the materiel developer, AMC's role in the procurement programming process is to insure program executibility and balance, good business sense (e.g., economical production rates), and readiness (e.g., minimize backorders and maintenance problems). AMC supports ODCSRDA by preparing the Army Materiel Plan (AMP). The AMP addresses current assets, projected losses, production base status and capabilities, secondary item requirements, etc., in order to integrate logistics planning data with procurement plans. AMC can influence the POM at the Winter AMP reviews where ODCSRDA and AMC examine each item in terms of priorities, competing requirements, and resource limitations in order to achieve a balanced procurement program.

C. The major subordinate commands (MSC) prepare two drafts of the AMP. The first draft is reviewed at the joint ODCSRDA/AMC AMP reviews. ODCSRDA uses the AMP review results to update the Procurement Data Base (PDB) upon their return to DA. The MSCs also use the review results to update the SAMPAM (their AMP in an automated format) and submit this final version of the AMP to ODCSRDA NLT 30 days after the AMP reviews. The SAMPAM is essentially only utilized by ODCSRDA to update the materiel asset positions of the Army's procurement data. The SAMPAM is ODCSRDA's only source for the asset position data.

D. HQDA intended the FY 86-2000 DA LRRDAP (first draft dated June 1983) to serve as the baseline for the FY 86-90 Army POM (May 1984). However, many lines in the DA LRRDAP under the OPA and AMMO appropriations are rolled up and thus cannot be analyzed separately. This limits its usefulness in AMC's development of the OPA and AMMO portions of the POM AMP.

E. Minimal TRACE-P representation at the AMP reviews is contributing to unfunded TRACE-P program requirements.

F. Decisions from the concurrent overlapping PPBES cycles as well as other DA-level actions can cause changes to the PDB. Therefore, AMC is usually developing requirements from outdated guidance since the baseline is continually changing.

FIGURE 5. COMPOSITE NETWORK OF THE PROCUREMENT PROGRAMMING PROCESS

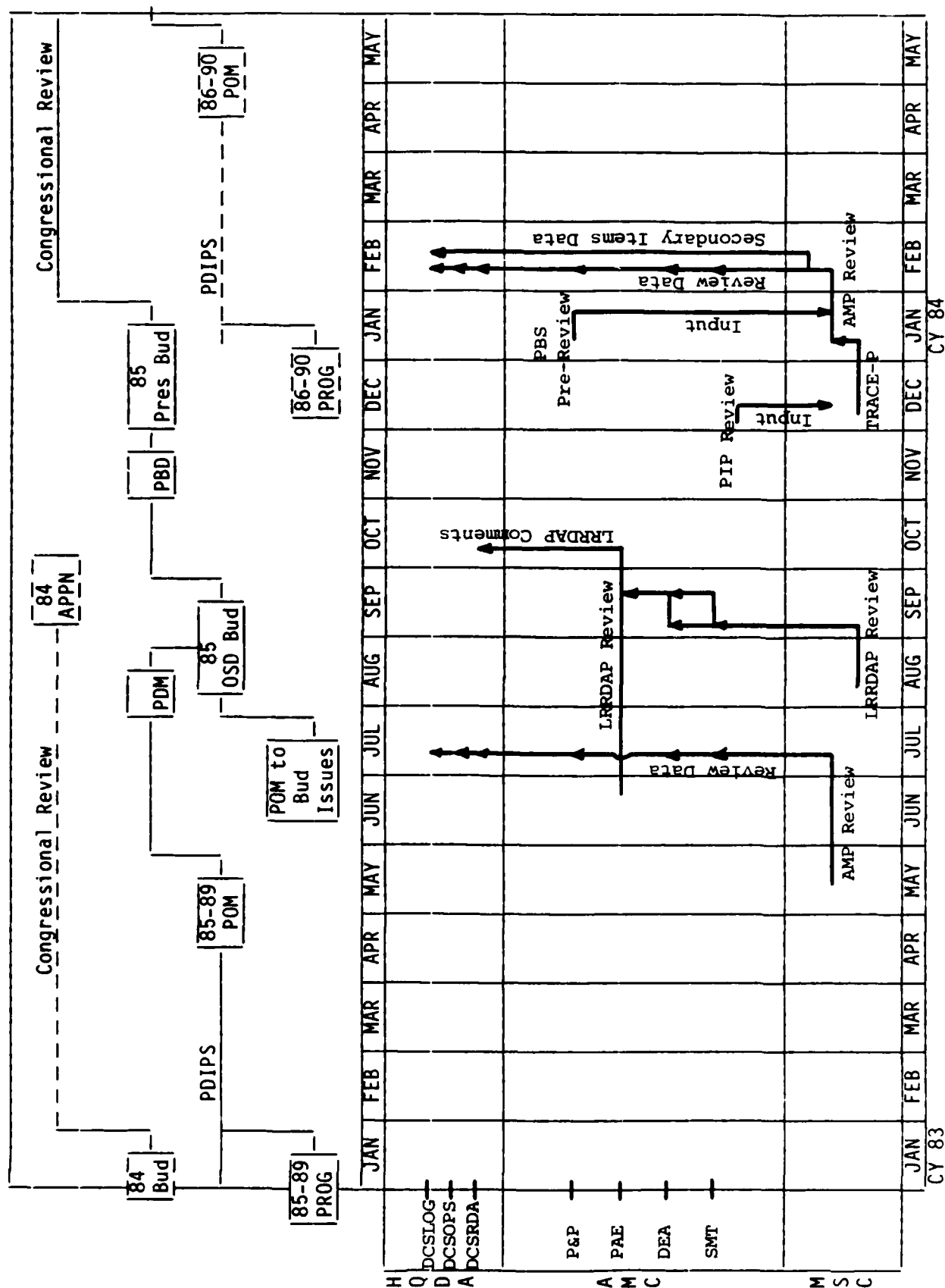
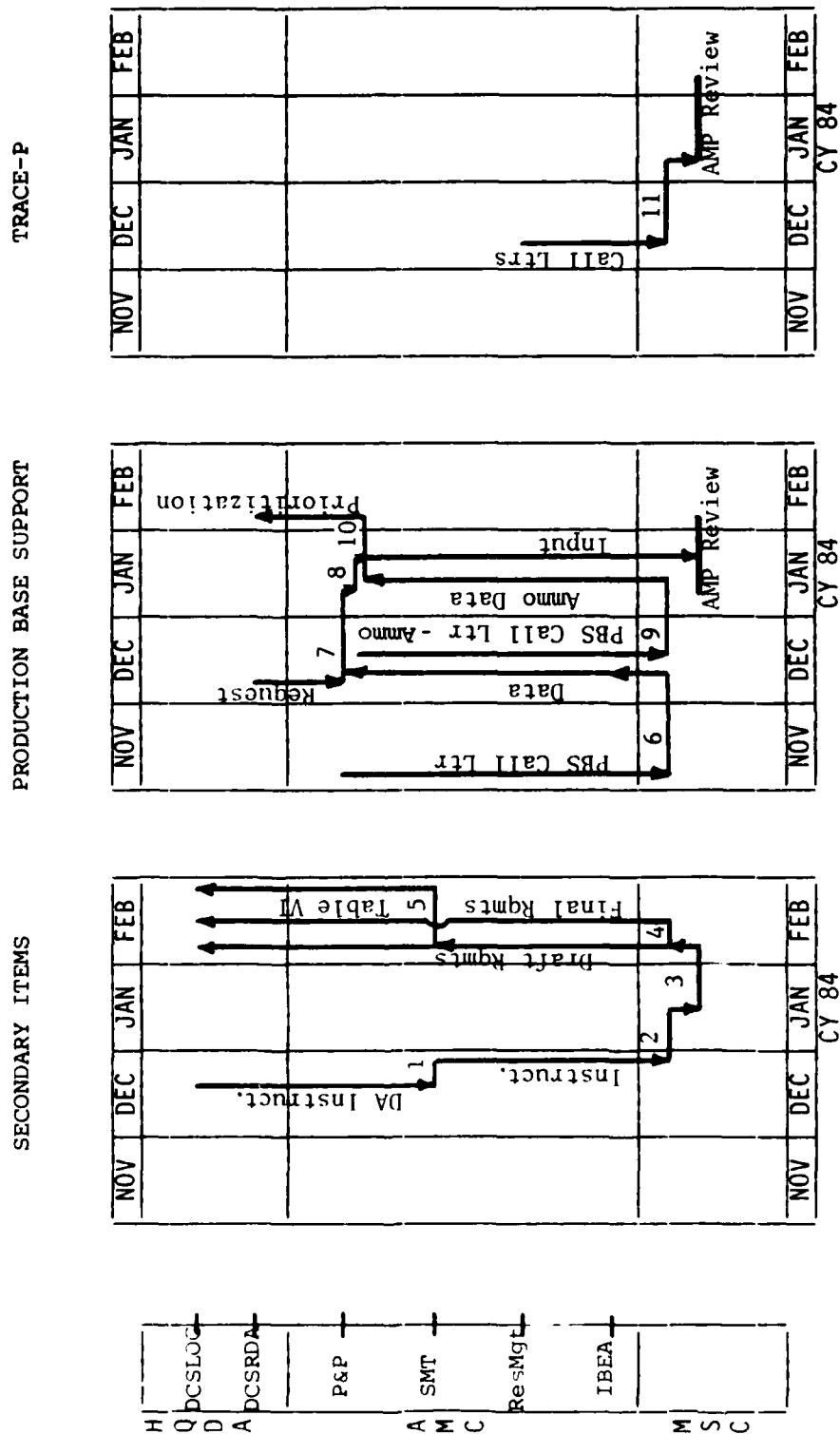


FIGURE 4. SUPPLEMENTAL NETWORKS



4. Supplemental Processes.

a. Figure 4 depicts the programming process for secondary items, PBS, and TRACE-P requirements.

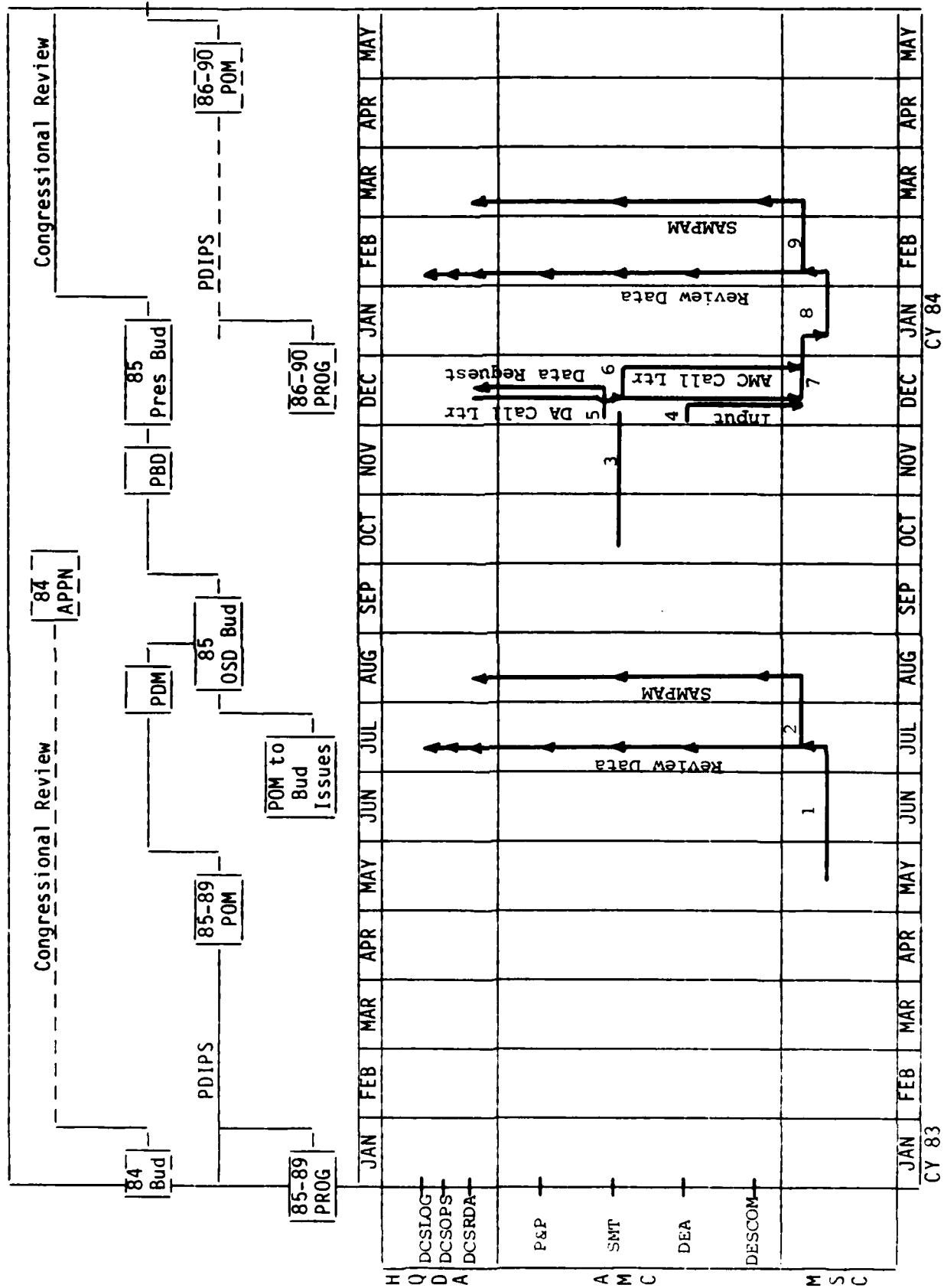
b. The Secondary Items Branch of the Resource and System Integration Division, SMT, is responsible for the submission of secondary item requirements. They sent the MSCs/PMs instructions containing what data must be prepared for the secondary item reviews [1]. The MSCs/PMs prepared summary sheets displaying requirements by system, draft "P" forms, and draft POM Justification Tables [2]. A POM Justification Table, also referred to as Table VI, contains detailed secondary items data on replenishment and initial spare funding by MSC. These secondary item reviews were held at the host MSCs following the AMP major item reviews so that any changes affecting secondary items made during the AMP reviews could be captured at the secondary item reviews [3]. Following these reviews, the MSCs/PMs finalized the data and submitted it to ODCSLOG [4]. SMT later submitted an AMC consolidated POM Justification Table to ODCSLOG from the tables they collected at the individual reviews [5].

c. The DCS for P&P is responsible for the PBS program. For the first time, P&P hosted a PBS Pre-AMP review [8] at HQ AMC to fine-tune the FY 85 budget projects and to discuss FY 86-90 PBS requirements for input to the POM AMP reviews. In preparation for these Pre-AMP reviews, P&P sent a call letter to the MSCs containing the review schedule, data requirements, and PBS dollar guidance. Following the submission of this data [6], P&P prepared a draft PBS prioritization of all PBS projects for each Procurement appropriation [7] for presentation at the PBS Pre-AMP review. ODCSRDA subsequently requested similar data for preparation of PDIPs for PBS in each procurement appropriation, including ammunition. Since ammo had earlier decided not to participate in the PBS Pre-AMP review, a separate data call was required for ammo [9]. After the Pre-AMP review [8], P&P consolidated the results of the review with the ammo data to form a prioritized listing of PBS projects for each appropriation and forwarded it to ODCSRDA [10].

d. The Cost Analysis Division, DCS for Resource Management (formerly the Comptroller Office prior to the August 1984 reorganization of AMC) is the proponent for the TRACE-P program. TRACE-P is used to identify and find specific technological risks encountered within a procurement program during transition from RDTE through the first three years of significant quantity production. The Cost Analysis Division sent individual call letters to the Project Managers (PMs) of the five TRACE-P funded weapon systems requesting TRACE-P requirements be submitted at the POM AMP reviews. The PMs, working together with the Cost Analysis Division, updated their TRACE-P requirements and submitted them on the appropriate "P" forms at the POM AMP reviews [11].

5. Composite. The Procurement programming processes contained on Figures 2, 3, and 4 are consolidated and summarized on Figure 5. This composite network illustrates their timing relationships in support of the Army FY 86-90 POM.

FIGURE 3. AMP REVIEW NETWORK

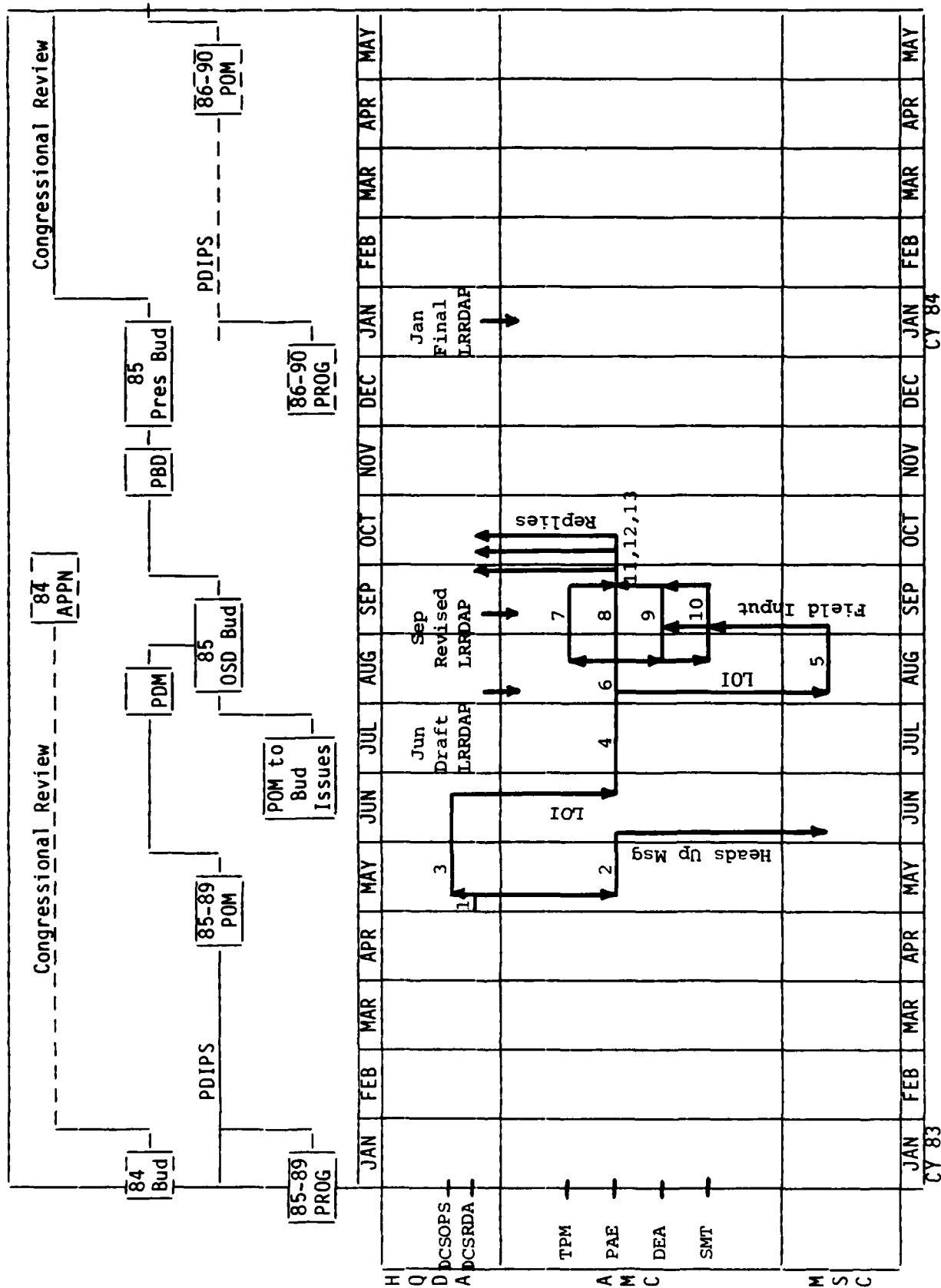


3. AMP Review Process.

a. Figure 3 depicts the submission of the Army Materiel Plan (AMP) to HQDA from the Summer and Winter AMP reviews. Although the Summer AMP reviews [1] concentrated on the first year of the previous POM (FY 85 in the Summer of 1983) to feed the upcoming OSD Budget, the outyears of the POM were also evaluated for pricing and executability. The reviews were cochaired by AMC (SMT) and ODCSRDA. The AMP review team usually consists of ODCSRDA, ODCSOPS, TRADOC, and AMC. Key AMC participants include the Weapon System Staff Managers (WSSM) and representatives for Production Base Support (PBS) from Procurement and Production (P&P), Product Improvement Program (PIP) from DEA, and Secondary Items from Secondary Items Branch of SMT. The members of the review team returned to their respective organizations with the AMP review data. ODCSRDA used this data to update the DA Procurement Data Base (PDB) prior to the September OSD Budget submission. The MSCs were required to submit the updated AMP data in the System for Automation of Materiel Plans for Army Materiel (SAMPAM) after the reviews [2].

b. The Winter AMP reviews validated the pricing and executability of FY 86 programs and FY 87-90 profiles. It was AMC's opportunity to influence the FY 86-90 Army POM. The DCS for SMT is responsible for coordinating HQ AMC's participation [3]. PIP joint reviews were held at HQ AMC to evaluate each of AMC's PIPs. They were hosted by DEA who is AMC's proponent for PIPs [4]. Those approved were eligible to compete for funds at the POM AMP reviews. SMT coordinated with ODCSRDA on the RDA Information Systems Agency (RDAISA) products required to support the MSCs in preparing for the reviews [5]. SMT also supplemented DA's AMP review call letter with a more detailed AMC call letter [6]. This letter was coordinated among the AMP review participants in HQ AMC to eliminate the need for separate correspondence to the MSCs/PMs. The MSCs/PMs prepared for the reviews by marking up the 109 Report and Procurement Worksheets received from RDAISA and preparing draft "P" forms, multiyear procurement (MYP) forms, and data interchange reports [7]. The review team examined this data at the reviews and changes were marked on them [8]. The team members then return to their respective organizations with this "marked up" data. ODCSRDA updates the DA PDB with it. The SAMPAM was updated and distributed NLT 30 days after the reviews [9]. The US Army Depot System Command (DESCOM) received sections of the SAMPAM containing data on asset positions and losses to update their data bases.

FIGURE 2. LRRDAP NETWORK



3. For reference purposes, each network includes a heading illustrating key events from the programming and budgeting phases of three overlapping PPBES cycles. This heading information enables readers to view the model within the context of the overall Army PPBES.

B. Model Description.

1. **Format.** The Procurement programming model is separated into three sections to facilitate reader comprehension. They are: (1) DA Long-Range Research, Development, and Acquisition Plan (LRRDAP); (2) Summer and Winter AMP reviews; and (3) Secondary Items, Production Base Support (PBS) and Total Risk Assessing Cost Estimate for Production (TRACE-P). Each section is graphically depicted on a network (Figures 2, 3, and 4, respectively). In the supporting narrative below, a number inside brackets, [], refers to a specific activity on the referenced network. Detailed information for each activity or task is contained on the data records in the appendices.

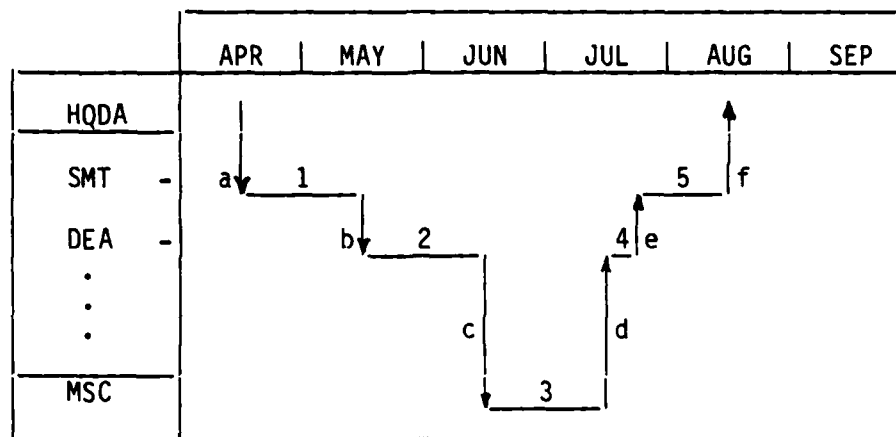
2. LRRDAP Process.

a. Figure 2 depicts AMC's review of and input to the DA LRRDAP 86-2000. This general process began in May 1983, coinciding with completion of the FY 85-89 POM. The Office of Deputy Chief of Staff for Research, Development, and Acquisition (ODCSRDA) hosted a planning workshop [1] to prepare for the FY 86-90 Army POM build cycle. This workshop precipitated several important changes of policy. First, in support of DA's goal to close the gap between planning and programming, the DA FY 86-2000 LRRDAP (a planning document completed Jan 84) would serve as the baseline for the FY 86-90 Army POM (a programming document completed May 84). Second, the DA FY 86-2000 LRRDAP would incorporate Procurement requirements in addition to traditional RDTE requirements. Third, AMC would be afforded an opportunity to review and provide input to the DA LRRDAP 86-2000.

b. Following the workshop, PAE alerted the field of the expanded role of the DA LRRDAP [2] while the Office of Deputy Chief of Staff for Operations and Plans (ODCSOPS) forwarded a letter of instruction (LOI) to HQ AMC for review and input to the DA LRRDAP 86-2000 [3]. Because this was a new process, AMC required extensive coordination in-house and with Army Staff (ARSTAF) and US Army Training and Doctrine Command (TRADOC) to formulate a mutually acceptable plan to respond to the ODCSOPS LOI. Since the DA LRRDAP addressed both RDTE and Procurement requirements, AMC's DCS for Resource Management (PAE), as the multi-appropriation proponent, assumed the lead role. In this capacity, PAE forwarded an LOI for MSC/PM input [4] and distributed a DF to HQ AMC staff for review and input [6]. PAE coordinated the headquarter's input [8] from Technology Planning and Management TPM (proponent for AMC LRRDAP [7]), DEA (proponent for RDTE [9]), and SMT (proponent for Procurement [10]).

c. In September 1983, MSC/PM input [5] was reviewed and supplemented by HQ AMC staff elements and then consolidated by PAE. A set of issues (requesting changes to the DA LRRDAP 86-2000) was submitted to the AMC Resource Action Committee (RAC) for approval and then forwarded to ODCSOPS on 30 September 1983 [11]. Two supplemental responses were forwarded to ODCSOPS in early October 1983 [12 & 13].

a. Network



b. Data Record

INPUT	ACTIVITY	OUTPUT
Organization	Organization	Organization
Document	Activity	Document
Date	ADP	Date
ADP		ADP

Supporting Documents/ADP

FIGURE 1. FRAMEWORK OF MODEL

II. Objectives.

A. Develop models of the current AMC PPBES programming process for selected appropriation.

B. Recommend simplifications and other improvements to the AMC PPBES programming process.

C. Provide a basis for future development of an automated AMC Program Resource Management System (PRMS) data base to support the resource decision making process.

III. Limits and Scope. The MAPP study is limited to focus on HQ AMC level activities. Interface with HQDA from above and major subordinate commands (MSC)/installations below is limited to information exchange; i.e., transfer of data preparation guidance and subsequent responses. Although this study identifies the flow of PPBES requirements data, it makes no attempt at detailed data analysis or data base design. The study concentrates on the five programming years. Planning years and budget/execution years are not explicitly addressed except as interfaces. The network models are descriptive and thus portray historical activities and events rather than generic processes.

IV. Methodology. The research methodology consisted of a series of interviews with personnel in SMT, Procurement and Production (P&P), DEA, and Resource Management (PAE and Cost Analysis) in AMC, US Army Depot System Command (DESCOM), US Army Communications-Electronics Command (CECOM), Office of Deputy Chief of Staff for Research, Development, and Acquisition (ODCSRDA), and a review of programming documents (i.e., guidance, instructions, responses, etc.).

V. Model of the Programming Process.

A. Basic Structure.

1. The framework of the model consists of networks (depicting the processes) and data records (containing the detailed information). Figure 1a shows a simplified illustrative network. The left column identifies the organizations involved in the process. The body of the network consists of activities (horizontal lines, 1-5) and information flow (vertical arrows, a-f). The information flow is usually a document. For example, in Figure 1a, input document "a" triggers activity "1" performed by SMT. The activity produces document "b" which in turn triggers activity "2." Downward pointed arrows usually indicate instruction and guidance. Upward pointed arrows usually indicate responses.

2. The detailed information of the activities (horizontal lines on the networks) is captured on data records in the appendices to this report. See Figure 1b. The "activity" section of the data record identifies the performing organization, describes the activity, identifies ADP systems directly utilized, and lists supporting documents/ADP systems. The "input" section identifies the organization that sent the input document, the document description and date, and ADP systems utilized. The "output" section identifies the organization receiving the output document, the document description and date, and ADP systems utilized. To recap, an "input" document triggers an "activity" which produces an "output" document.

APPN: RDTE & Procurement

RECORD # A2

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): (DA) MACOM Field		LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA MACOM (Field)	
OFC SYM: DAMA-PP		OFC SYM: AMCRM-C		OFC SYM: MULTIPLE	
OFC TITLE: ODCSRDA		OFC TITLE: Res Mgt, PAE		OFC TITLE: MSCs/PMs	
INPUT TITLE: MFRs: Expanded Role of DA LRRDAP DESCRIPTION: The DA LRRDAP is to be the Army's central planning document in establishing the relative priorities, scope, and detail of RDA program formulation and to include Procurement as well as traditional RDTE aspects.		ACTIVITY TITLE: Prepare "Heads Up" Message DESCRIPTION: Analyze the impact of the expanded role of the DA LRRDAP on AMC programming. Starting with the FY 86 POM Build Process, AMC will participate in review of the DA LRRDAP. This review will serve as the primary window for surfacing new RDTE and Procurement requirements.		OUTPUT TITLE: "Heads Up" Message DESCRIPTION: Alert the MSCs/PMs of the expanded role of the DA LRRDAP within PPBES and of their impending opportunity to provide input to this document.	
DATE: 5 May 83				DATE: 3 Jun 83	
ADP SYS:		ADP SYS:		ADP SYS:	

TITLE	DESCRIPTION/INFORMATION USED	PROPOSER
ACTIVITY SUPPORT		

APPN: RDTE & Procurement

RECORD # A3

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): (DA) MACOM Field		LEVEL (Circle): (DA) MACOM Field		LEVEL (Circle): DA (MACOM) Field	
OFC SYM: DAMA-PP		OFC SYM: DAMO-RQR (with DAMA-PPT)		OFC SYM: AMCRM-C	
OFC TITLE: ODCSRDA		OFC TITLE: ODCSOPS (with ODCSRDA)		OFC TITLE: Res Mgt, PAE (thru AMCCG)	
INPUT TITLE: MFRs: Expanded Role of DA LRRDAP DESCRIPTION: The DA LRRDAP is to be the Army's central planning document in establishing the relative priorities, scope, and detail of RDA program formulation and to include Procurement as well as traditional RDTE aspects.		ACTIVITY TITLE: Develop LOI for DA LRRDAP Input DESCRIPTION: Prepare guidance/tasking for review of the Draft 86-2000 DA LRRDAP in 3 areas. (1) Priority changes (zero-sum across risk line). (2) Pro-file changes (zero-sum if within funded area). (3) Scope changes (i.e., new starts, significant quantity changes).		OUTPUT TITLE: DA LOI for DA LRRDAP 86-2000 DESCRIPTION: Provide detailed instructions and schedule to AMC, TRADOC, and ARSTAF to review the Draft DA LRRDAP 86-2000. The LOI stated that the DA LRRDAP will be the baseline to allocate the resources available to equip the Army. Recommendations received will be used to determine the baseline program/priorities for RDTE/Procurement POM 86.	
DATE: 5 May 83				DATE: 21 Jun 83	
ADP SYS:		ADP SYS:		ADP SYS:	
TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	

ACTIVITY
SUPPORT

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): (DA) MACOM Field		LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA MACOM (Field)	
OFC SYM: DAMO-RQR		OFC SYM: AMCRM-C		OFC SYM: MULTIPLE	
OFC TITLE: ODCSOPS		OFC TITLE: Res Mgt, PAE		OFC TITLE: MSCs/PMS	
INPUT TITLE: DA LOI for DA LRRDAP 86-2000 DESCRIPTION: Provide detailed instructions and schedule to AMC, TRADOC, and ARSTAF to review the Draft DA LRRDAP 86-2000. Recommendations received will be used to determine the baseline program/priorities for RDTE/Procurement POM 86.		ACTIVITY TITLE: Develop AMC LOI to Field DESCRIPTION: Extensively coordinate (Mtg, etc.) within AMC (PAE, DEA, SMT, TPM, RAC), with TRADOC, and with DA (RDA, OPS, RDAISA) to develop a mutually acceptable plan for response to the DA LOI. By necessity, MSC/PM participation will be limited to the June Draft DA LRRDAP (distributed 2 Aug 83). Subsequent HQ AMC input will address the Sep 83 revised DA LRRDAP. PAE will assume lead role with overall responsibility and with input from DEA, SMT, and TPM.		OUTPUT TITLE: AMC LOI for DA LRRDAP Review DESCRIPTION: Supplement and forward the DA LOI for MSC/PM review of the DA LRRDAP. Task MSCs/PMS for input by 2 Sep 83 on identification of new requirements (not previously addressed), priority/funding disconnects, and adjustments in the EPA years (91-2000), based on review of the Jun Draft DA LRRDAP and known results of RDTE and AMP summer reviews and PDM.	
DATE: 21 Jun 83		DATE: 5 Aug 83			
ADP SYS:		ADP SYS:		ADP SYS:	

TITLE	DESCRIPTION/INFORMATION USED	PROONENT
ACTIVITY SUPPORT		

APPN: RDTE & Procurement

RECORD # A5

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) Field	LEVEL (Circle): DA (MACOM) Field	LEVEL (Circle): DA (MACOM) Field	LEVEL (Circle): DA (MACOM) Field	LEVEL (Circle): DA (MACOM) Field	LEVEL (Circle): DA (MACOM) Field
OFC SYM: AMCRM-C	OFC SYM: MULTIPLE	OFC SYM: MULTIPLE	OFC SYM: MULTIPLE	OFC SYM: AMCDE-PB & AMCSM-WRM	OFC SYM: AMCDE-PB & AMCSM-WRM
OFC TITLE: Res Mgt, PAE	OFC TITLE: MSCs/PMs	OFC TITLE: MSCs/PMs	OFC TITLE: MSCs/PMs	OFC TITLE: DEA and SMT	OFC TITLE: DEA and SMT
INPUT TITLE: AMC LOI for DA LRRDAP Review	ACTIVITY TITLE: MSC/PM Review of DA LRRDAP	ACTIVITY TITLE: MSC/PM Review of DA LRRDAP	ACTIVITY TITLE: MSC/PM Review of DA LRRDAP	OUTPUT TITLE: MSC/PM Input to DA LRRDAP Review	OUTPUT TITLE: MSC/PM Input to DA LRRDAP Review
DESCRIPTION: Supplement and forward the DA LOI for MSC/PM review of the DA LRRDAP. Task MSCs/PMs for input by 2 Sep 83 on identification of new requirements(not previously addressed), priority/funding disconnects, and adjustments in the EPA years (91-2000), based on review of the June Draft DA LRRDAP and known results of RDTE and AMP summer reviews and PDM.	DESCRIPTION: Based on AMC LOI with supplemental guidance from appropriation director(s) (i.e., SMT for Proc, DEA for RDTE), review the "Jun 83" Draft DA LRRDAP. Input to HQ AMC consist of: (1) new rqmts, not previously identified at RDTE and AMP reviews, with focus on EPA years, (2) potential major priority/funding disconnects (RDTE vs Proc, POM vs EPA) not previously identified at RDTE and AMP reviews, and (3) adjustments to EPA years to focus on overall adequacy, continuity, and content. Coordinate with WSSM/FISO/DASC/TRADOC as necessary.	DESCRIPTION: Based on AMC LOI with supplemental guidance from appropriation director(s) (i.e., SMT for Proc, DEA for RDTE), review the "Jun 83" Draft DA LRRDAP. Input to HQ AMC consist of: (1) new rqmts, not previously identified at RDTE and AMP reviews, with focus on EPA years, (2) potential major priority/funding disconnects (RDTE vs Proc, POM vs EPA) not previously identified at RDTE and AMP reviews, and (3) adjustments to EPA years to focus on overall adequacy, continuity, and content. Coordinate with WSSM/FISO/DASC/TRADOC as necessary.	DESCRIPTION: Based on AMC LOI with supplemental guidance from appropriation director(s) (i.e., SMT for Proc, DEA for RDTE), review the "Jun 83" Draft DA LRRDAP. Input to HQ AMC consist of: (1) new rqmts, not previously identified at RDTE and AMP reviews, with focus on EPA years, (2) potential major priority/funding disconnects (RDTE vs Proc, POM vs EPA) not previously identified at RDTE and AMP reviews, and (3) adjustments to EPA years to focus on overall adequacy, continuity, and content. Coordinate with WSSM/FISO/DASC/TRADOC as necessary.	DESCRIPTION: Provide recommended priority/profile/scope changes based on review of the "Jun 83" Draft DA LRRDAP. Forward to appropriation director (i.e., SMT for Proc, DEA for RDTE) with copies furnished to PAE and TPM.	DESCRIPTION: Provide recommended priority/profile/scope changes based on review of the "Jun 83" Draft DA LRRDAP. Forward to appropriation director (i.e., SMT for Proc, DEA for RDTE) with copies furnished to PAE and TPM.
DATE: 5 Aug 83	DATE: 2 Sep 83	DATE: 2 Sep 83	DATE: 2 Sep 83	DATE: 2 Sep 83	DATE: 2 Sep 83
ADP SYS:	ADP SYS:	ADP SYS:	ADP SYS:	ADP SYS:	ADP SYS:

ACTIVITY SUPPORT	TITLE	DESCRIPTION/INFORMATION USED	PROPOSER
	DA LRRDAP-Jun	Actually distributed 2 Aug 83, due to printing delay. Reflects May POM position.	ODCSRDA/OPS 2 Aug 83
	RDAISA 109 Report	Contains AMP Summer Review and PDM changes.	ODCSRDA 8 Aug 83
	RDTE Annual Review	Addresses FY 83-90.	ODCSRDA
	Delta Reports	Shows differences between 85-89 POM and the 85-88 columns of the 84 Budget.	ODCSOPS, DAMO-RQR

APPN: RDTE & Procurement

RECORD # A6

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) Field	
OFC SYM: AMCRM-C		OFC SYM: AMCRM-C		OFC SYM: MULTIPLE	
OFC TITLE: Res Mgt, PAE		OFC TITLE: Res Mgt, PAE, Pgm Int		OFC TITLE: AMCSM-WRM, AMCLD-LRP, AMCDE-PII, AMCDP-P, and AMCDP-R	
INPUT TITLE: AMC LOI for DA LRRDAP Review		ACTIVITY TITLE: Develop DF to AMC Staff		OUTPUT TITLE: DF, Tasking HQ AMC Staff	
DESCRIPTION: Supplement and forward the DA LOI for MSC/PM review of the DA LRRDAP. Task MSCs/PMs for input by 2 Sep 83 on identification of new requirements (not previously addressed), priority/funding disconnects, and adjustments in the EPA years (91-2000), based on review of the Jun Draft DA LRRDAP and known results of RDTE and AMP summer reviews and PDM.		DESCRIPTION: Prepare/coordinate a DF describing the DA LRRDAP review process and delineating responsibilities. PAE (with multiappropriation responsibility) has overall responsibility. SMT & DEA (as appropriation directors) and TPM, (as proponent of AMC LRRDAP) will develop and/or staff recommended DA LRRDAP changes and provide supplemental field guidance in their areas as needed.		DESCRIPTION: Provide guidance and tasking on HQ AMC level review of the DA LRRDAP and preparation of formal response to DA.	
DATE: 5 Aug 83		ADP SYS:		DATE: 26 Aug 83	
ADP SYS:		ADP SYS:		ADP SYS:	

TITLE	DESCRIPTION/INFORMATION USED	PROPONENT
ACTIVITY SUPPORT		

APPN: RDTE

RECORD # A7

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) Field	
OFC SYM: AMCRM-CI		OFC SYM: AMCLD-LRP		OFC SYM: AMCRM-CI	
OFC TITLE: Res Mgt, PAE, Pgm Int		OFC TITLE: TPM, Long Range Planning		OFC TITLE: Res Mgt, PAE, Pgm Int	
INPUT TITLE: DF, Tasking HQ AMC Staff		ACTIVITY TITLE: Provide TPM Input to PAE		OUTPUT TITLE: TPM Input to DA LRRDAP Review	
DESCRIPTION: Provide guidance and tasking on HQ AMC level review of the DA LRRDAP and preparation of formal response to DA.		DESCRIPTION: Coordinate input to AMC's review of DA LRRDAP with PAE, DEA, and SMT.		DESCRIPTION: TPM had no recommended program changes for inclusion in AMC response.	
DATE: 26 Aug 83				DATE: 23 Sep 83	
ADP SYS:		ADP SYS:		ADP SYS:	

TITLE	DESCRIPTION/INFORMATION USED	PROPOSER
DA LRRDAP-Jun	Reflects May POM position.	ODCSRDA/OPS 2 Aug 83
DA LRRDAP-Sep	Reflects RDTE and AMP reviews, PDM, and OSD budget submission.	ODCSRDA/OPS 10 Sep 83

ACTIVITY
SUPPORT

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) Field	
OFC SYM: AMCRM-CI		OFC SYM: AMCRM-CI		OFC SYM: AMCRM-C	
OFC TITLE: Res Mgt, PAE, Pgm Int		OFC TITLE: Res Mgt, PAE, Pgm Int		OFC TITLE: Res Mgt, PAE	
INPUT TITLE: DF, Tasking HQ AMC Staff		ACTIVITY TITLE: Provide PAE Input		OUTPUT TITLE: PAE Input to DA LRRDAP Review	
DESCRIPTION: Provide guidance and tasking on HQ AMC level review of the DA LRRDAP and preparation of formal response to DA.		DESCRIPTION: Review June Draft and subsequently the September Revised DA LRRDAP, recommend changes, and coordinate with DEA, SMT, and TPM.		DESCRIPTION: Provide recommended priority/profile/scope changes for incorporation with DEA, SMT, and TPM recommendations for a AMC response to the Draft DA LRRDAP.	
DATE: 26 Aug 83				DATE: 23 Sep 83	
ADP SYS:		ADP SYS:		ADP SYS:	
TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
DA LRRDAP-Jun		Reflects May POM position.		ODCSRDA/OPS 2 Aug 83	
DA LRRDAP-Sep		Reflects RDTE and AMP reviews, PDM, and OSD budget submission.		ODCSRDA/OPS 10 Sep 83	
ACTIVITY SUPPORT					

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) (Field) (1) (2)		LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) Field	
OFC SYM: (1) AMCRM-CI, (2) Multiple		OFC SYM: AMCDE		OFC SYM: AMCRM-CI	
OFC TITLE: (1) Res Mgt, PAE (2) MSCs/PMS		OFC TITLE: DEA		OFC TITLE: Res Mgt, PAE, Pgm Int	
INPUT TITLE: (1) DF, Tasking HQ AMC Staff (2) MSC/PM Input to DA LRRDAP Review		ACTIVITY TITLE: Provide DEA Input to PAE		OUTPUT TITLE: DEA Input to DA LRRDAP Review	
DESCRIPTION: (1) Provide guidance and tasking on HQ AMC level review of the DA LRRDAP and preparation of formal response to DA. (2) Provide recommended priority/profile/scope changes based on review of the "Jun 83" Draft DA LRRDAP. Forward to appropriation director (i.e., SMT for Proc, DEA for RDTE) with copies furnished to PAE and TPM.		DESCRIPTION: Consolidate field responses from review of June Draft DA LRRDAP with subsequent DEA review of September Revised DA LRRDAP. (Note: MSCs ignored Core Team Guidance and attempted to re-open dead issues from the annual reviews and they focused on the POM years with little attention to the EPA years). Generate HQ AMC level recommended changes to the September Revised DA LRRDAP.		DESCRIPTION: 45 RDTE PE/Projects (31 changes at funded level; 35 at unfunded level), 44 procurement SSNs (31 changes at funded level; 37 at unfunded level), and 10 product improvements (with O&S savings) were submitted as RDTE appropriation director input to PAE for consolidation with SMT, TPM, & PAE input.	
DATE: (1) 26 Aug 83, (2) 2 Sep 83		ADP SYS:		DATE: 23 Sep 83	
ADP SYS:		ADP SYS:		ADP SYS:	
TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
DA LRRDAP-Jun		Reflects May POM position.		ODCSRDA/OPS 2 Aug 83	
DA LRRDAP-Sep		Reflects RDTE and AMP reviews, PDM, and OSD budget submissions.		ODCSRDA/OPS 10 Sep 83	
RDTE Project Listing-May		Addresses FY 82, 83, 84, 85-89.		ODCSRDA/OPS May 83	
RDAISA 10 Report		Contains RDTE review results.		ODCSRDA	
RDAISA 109 Report		Contains AMP Summer Review and PDM results.		ODCSRDA 8 Aug 83	

APPN: Procurement

RECORD # A10

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) (Field)		LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) Field	
OFC SYM: (1) AMCRM-CI, (2) Multiple		OFC SYM: AMCRM-WRM		OFC SYM: AMCRM-CI	
OFC TITLE: (1) Res Mgt, PAE (2) MSCs/PMS		OFC TITLE: SMT, Res & Sys Int Div		OFC TITLE: Res Mgt, PAE, Pgm Int	
INPUT TITLE: (1) DF, Tasking HQ AMC Staff (2) MSC/PM Input to DA LRRDAP Review DESCRIPTION: (1) Provide guidance and tasking on HQ AMC level review of the DA LRRDAP and preparation of formal response to DA. (2) Provide recommended priority/profile/scope changes based on review of the "Jun 83" Draft DA LRRDAP. Forward to appropriation director (i.e., SMT for Pro, DEA for RDTE) with copies furnished to PAE and TPM.		ACTIVITY TITLE: Provide SMT Input to PAE DESCRIPTION: Send <u>supplemental guidance</u> to the MSCs on <u>DA LRRDAP review</u> . Consolidate MSC responses from review of June Draft DA LRRDAP with subsequent SMT review of Sep Revised DA LRRDAP. Obtain copies of RDAISA 109 Report (reflecting outcomes of AMP review approval mtgs at DA) and forward to DEA & TPM for coordination with WSSMs to insure that the procurement portion of Dev & Acq Plan is updated. Task MSCs on 16 Sep 83 to re-examine programs/systems using the Sep Revised DA LRRDAP and submit updated/new issues NLT 20 Sep 83.		OUTPUT TITLE: SMT Input to DA LRRDAP Review DESCRIPTION: Approximately 69 procurement SSNs (29 changes at the funded level; 59 changes at the unfunded level) were submitted as Procurement Appropriation Director input to PAE for consolidation with input from DEA, TPM, & PAE. (Note: Several differences within the funded procurement SSNs still needed to be resolved by DEA and SMT).	
DATE: (1) 26 Aug 83, (2) 2 Sep 83		DATE: 23 Sep 83			
ADP SYS:		ADP SYS:		ADP SYS:	
TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
DA LRRDAP-Jun		Reflects May POM position.		ODCSRDA/OPS 2 Aug 83	
DA LRRDAP-Sep		Reflects RDTE and AMP reviews, PDM, and OSD budget submission.		ODCSRDA/OPS 10 Sep 83	
FYDP Procurement Annex-May		Addresses FY 82, 83, 84, 85-89.		ODCSRDA May 83	
RDAISA 109 Report		Contains AMP Summer Review and PDM Results.		ODCSRDA 8 Aug 83	

APPN: RDTE

RECORD # ALL

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): (DA) MACOM Field	
OFC SYM: (1) AMCLD-LRP, (2) AMCRM-CI, (3) AMCDE, (4) AMCSM-WRM		OFC SYM: AMCRM		OFC SYM: DAMO-RQR	
OFC TITLE: Res Mgt, PAE		OFC TITLE: Res Mgt, PAE		OFC TITLE: ODCSOPS	
OFC TITLE:		ACTIVITY TITLE:		OUTPUT TITLE:	
(1) TPM, Long Range Planning		Consolidate AMC Input		AMC Interim Reply	
(2) Res Mgt, PAE, Pgm Int		DESCRIPTION: Consolidate TPM, DEA, & SMT input and arrange RAC review and approval. Staff AMC package and coordinate with appropriate players. Insure that POM year (FY 86-90) issues reflect the RDTE and AMP summer reviews and Aug PDM. Insure that EPA year (FY 91-2000) issues focus on logical continuity from POM, priority disconnects, new starts, etc.		DESCRIPTION: Based on Sr RAC review, 30 Sep 83, an interim reply was forwarded that same day to DA to meet the suspense. This reply consisted of the proposed changes as presented to the Sr RAC.	
(3) DEA					
(4) SMT, Res & Sys Int Div					
INPUT TITLE:					
(1) TPM Input to DA LRRDAP Review					
(2) PAE Input to DA LRRDAP Review					
(3) DEA Input to DA LRRDAP Review					
(4) SMT Input to DA LRRDAP Review					
DESCRIPTION:					
(1) TPM had no recommended program changes for inclusion in AMC response.					
(2) Provide recommended priority/profile/scope changes for incorporation with DEA, SMT, TPM recommendations for a AMC response to the two Draft DA LRRDAPs.					
(3) 45 RDTE PE/Projects (31 changes at funded level; 35 at unfunded level),					
(continued)					
DATE: 23 Sep 83		DATE: 30 Sep 83			
TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
DA LRRDAP-Jun		Reflects May POM position.		ODCSRDA/OPS 2 Aug 83	
DA LRRDAP-Sep		Reflects RDTE and AMP reviews, PDM, and OSD budget submission.		ODCSRDA/OPS 10 Sep 83	
FYDP Procurement Annex-May		Addresses FY 82, 83, 84, 85-89.		ODCSRDA May 83	
RDTE Project Listing-May		Addresses FY 82, 83, 84, 85-89.		ODCSRDA May 83	

INPUT (DESCRIPTION) (continued)

44 procurement SSNs (31 changes at funded level; 37 at unfunded level), and 10 product improvements (with O&S savings) were submitted as RDTE appropriation director input to PAE for consolidation with SMT, TPM, & PAE input.

(4) Approximately 69 procurement SSNs (29 changes at the funded level; 59 changes at the unfunded level) were submitted as Procurement Appropriation Director input to PAE for consolidation with input from DEA, TPM, & PAE. (Note: Several differences within the funded procurement SSNs still needed to be resolved by DEA and SMT.)

I N P U T	A C T I V I T Y	O U T P U T
LEVEL (Circle): DA (MACOM) Field OFC SYM: AMCRM-C OFC TITLE: Res Mgt, PAE	LEVEL (Circle): DA (MACOM) Field OFC SYM: AMCRM-C (thru RAC & AMCCG) OFC TITLE: Res Mgt, PAE	LEVEL (Circle): (DA) MACOM Field OFC SYM: DAMO-RQR OFC TITLE: ODCSOPS
INPUT TITLE: AMC Interim Reply DESCRIPTION: Based on Sr RAC review, 30 Sep 83, an interim reply was forwarded that same day to DA to meet the suspense. This reply consisted of the proposed changes as presented to the Sr RAC.	ACTIVITY TITLE: Prepare Final AMC Reply DESCRIPTION: Based on RAC decisions, prepare and staff formal AMC response/ review of DA LRRDAP. Resolve differences between DEA and SMT concerning funded procurement SSNs. Include supplemental information regarding O&S savings on several product improvement issues.	OUTPUT TITLE: Final AMC Reply DESCRIPTION: This is AMC's input to the DA LRRDAP 86-2000 (Jan 84) which is the baseline for building the POM 86-90. (Note: Subsequent Dec MARDIS and winter AMP submits are only relevant as pricing updates. New starts, quantity increases, schedule accelerations, PIPs, etc., not included in the DA LRRDAP will be generally disapproved).
DATE: 30 Sep 83 ADP SYS:	ADP SYS:	DATE: 4 Oct 83 ADP SYS:

TITLE	DESCRIPTION/INFORMATION USED		PROONENT
ACTIVITY SUPPORT			

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): (DA) MACOM Field	
OFC SYM: AMCRM-C		OFC SYM: AMCRM-C		OFC SYM: DAMO-RQR	
OFC TITLE: Res Mgt, PAE		OFC TITLE: Res Mgt, PAE		OFC TITLE: ODCSOPS	
INPUT TITLE: Final AMC Reply DESCRIPTION: This is AMC's input to the DA LRRDAP 86-2U00 (Jan 84) which is the baseline for building the POM 86-90. (Note: Subsequent Dec MARDIS and winter AMP submits are only relevant as pricing updates. New starts, quantity increases, schedule accelerations, PIPs, etc., not included in the DA LRRDAP will be generally disapproved).		ACTIVITY TITLE: Prepare Supplemental AMC Reply DESCRIPTION: Prepare supporting documentation for recommended new starts and prepare procurement change proposals for recommended product improvements. The final AMC reply, dated 4 Oct 83, had committed these to be forwarded separately.		OUTPUT TITLE: Supplemental AMC Reply DESCRIPTION: Provide supporting information and minor refinements to the previously submitted (4 Oct 83) AMC reply.	
DATE: 4 Oct 83		DATE: 11 Oct 83			
ADP SYS:		ADP SYS:		ADP SYS:	
TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
ACTIVITY SUPPORT					

APPENDIX B
AMP REVIEW PROCESS

The data records for the AMP Review process follow. The data record identification number in the top right corner corresponds to the activity number on the network (Figure B).

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA MACOM (Field)		LEVEL (Circle): DA MACOM (Field)		LEVEL (Circle): DA (MACOM) (Field)	
OFC SYM: MULTIPLE		OFC SYM: MULTIPLE		OFC SYM: MULTIPLE	
OFC TITLE: MSCs/PMS		OFC TITLE: MSCs/PMS		OFC TITLE: See description below.	
INPUT TITLE: POM AMP Review Output Data		ACTIVITY TITLE: Prepare SAMPAM/AMP		OUTPUT TITLE: SAMPAM/AMP	
DESCRIPTION: This is the data prepared prior to the reviews with those "marked in" changes made during the reviews. This includes: (1) Marked up 109 Report. (2) Marked up Proc Worksheets (pages A, B, C, M, & N). (3) Draft "p" forms. (4) Draft MYP forms (1-8) w/EPR data. (5) Data Interchange Reports. (6) Listing of prog realignments or new starts.		DESCRIPTION: After the completion of a POM AMP review, the MSC had 30 days to submit the SAMPAM/AMP. The MSC updated the sections in the SAMPAM using the latest data from the reviews. The DASCs updated the PDB with the data they brought back from the AMP reviews. The SAMPAM was used primarily to obtain the asset position data which was not available at the reviews.		DESCRIPTION: This is the automated Army Materiel Plan (AMP) system. The addressees received the following key sections: (1) RDAISA (ACSC-RDS-P): AMP Tape. (2) ODCSRDA (DAMA-PPP-P): Pages 1-7 (WTCV and OPA-1 only). (3) AMC (AMCSM-WRM & AMCDE-PII): Pages 1-7, Misc Summary, and PA Procurement Summary. (4) DESCOM (SDSLE-DOD): Sectors II, III, & IV and sorted AMP SSN SEQ.	
DATE: 3 Feb 84 (End of Reviews)		ADP SYS: System for Automation of Materiel Plans for Army Materiel (SAMPAM)		DATE: NLT 30 days after review.	
ADP SYS:		PROPOSER: AMC		ADP SYS:	
TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
Distribution Rqmts Tape		Extracted from TAEDP for input to SAMPAM Sector 6		DESCOM 5 Oct 83	
SSN/Assets Tape		Has the Continuing Balance System-Expanded (CBS-X) Assets as of 30 Sep 83 for input to SAMPAM Sector 3.		DESCOM 3 Nov 83	
ACTIVITY SUPPORT					

ACTIVITY (DESCRIPTION) continued

checked for continuity in the qty/\$ from year to year. Besides the SAMPAM, there was no further formal sub-missions to DA for input into the FY 86-90 POM. Subsequent programming changes were made informally between the SMT weapon systems personnel and their counterparts in ODCSRDA (Mat Plans and Programs).

Note: The SAMPAM/AMP was not required for the reviews. The MSCs were required submit it NLT 30 days after their review after including the latest data changes made during the review.

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA MACOM (Field)		LEVEL (Circle): (DA) (MACOM) (Field)		LEVEL (Circle): (DA) (MACOM) Field	
OFC SYM: MULTIPLE		OFC SYM: MULTIPLE		OFC SYM:	
OFC TITLE: MSCs/PMs		OFC TITLE: AMP POM Review Team and MSCs/PMs		OFC TITLE: POM AMP Review Team	
INPUT TITLE: POM AMP Review <u>Input Data</u>		ACTIVITY TITLE: Conduct POM AMP Reviews		OUTPUT TITLE: POM AMP Review <u>Output Data</u>	
DESCRIPTION: The following data was prepared for the reviews: (1) Marked up 109 Report. (2) Marked up Proc Worksheets (pages A, B, C, M, & N). (3) Draft "p" forms. (4) Draft MYP forms (1-8) w/EPR data. (5) Data Interchange Reports. (6) Listing of prog realignments or new starts.		DESCRIPTION: Conduct reviews by appropriation, usually at host MSCs, to validate the pricing and executability of FY 86 programs, evaluate out year (FY 87-90) profiles, and propose quantity and pricing changes for prog increments at the funded and unfunded levels. The review team members worked from the data (listed under "input") prepared by the MSCs/PMs. The data was reviewed line by line for each program under the particular appropriation. The reviews looked at the five POM years (FY 86-90) and (continued)		DESCRIPTION: The key review team members returned to their respective organizations with the documentation that the MSCs/PMs prepared prior to the reviews. This data contained the "marked in" changes made during the reviews. This data (FY 86-90) is subsequently used by the review team's parent organizations for the after-review actions (e.g., ODCSRDA updated the PDB). A mutually signed MFR is the only document generated at the reviews.	
DATE: 9 Jan 84 (Beginning of reviews)				DATE: 3 Feb 84 (End of reviews)	
ADP SYS:		ADP SYS:		ADP SYS:	

TITLE	DESCRIPTION/INFORMATION USED		PROPOSER
ACTIVITY SUPPORT			

ACTIVITY SUPPORT (continued)

TITLE	DESCRIPTION/INFORMATION USED	PROPOSER
Procurement Worksheets	Pages A,B,C,K,M,&N (all appropriations). Contains FY 85 Pres Budget (FY 85-89).	RDAISA 28 Dec 83
RDAISA 12 & 13 Reports	Proc Summary Increment PDB Extract Reports for FY 85 Pres Budget. These are PDIP Summaries by PDIP sequence (12) or SSN sequence (13).	RDAISA Dec 83
DA LRRDAP, FY 86-2000	Reflects latest FY 85 Pres Budget position and decisions from the 28 Nov 83 Four-Star level review of the DA LRRDAP 86-2000.	ODCSRDA 3 Jan 84
FY 86-2000 LRRDAP Delta Report	Shows the differences between the 109 Report and the Jan 84 LRRDAP.	ODCSRDA Dec 83
FYDP Procurement Annex		ODCSRDA Dec 83
FY 85 Pres Budget P-1	Proc forms P-1.	ODCSRDA Dec 83
PBS Pre-AMP Review Results	A prioritization of each PBS project (See Data Record #8 on Figure C).	AMC, P&P
PIP Joint Review Results	Status of MSCs' PIPs. Approved PIPs can compete for funding. (See Data Record #4 on Figure B).	AMC, DEA

INPUT (DESCRIPTION) continued

- (f) Econ Prod Rates/MYP data instructions w/blank MYP forms (1-8).
- (g) Production Base Support (PBS) program instructions.

(2) Contained supplemental instructions to the DA AMP review call letter. Key enclosures included:

- (a) PIP instructions.
- (b) Data Interchange Report instructions.
- (c) MYP instructions and blank MYP forms (1-8).
- (d) Detailed distribution instructions on final SAMPAM/AMP products.

ACTIVITY (DESCRIPTION) continued

type classification (TC) dates, initial operational capability (IOC dates, basis of issue (BOI) data, and narrative info. [Note: ODCSRDA subsequently used the marked up 109 Report and Procurement Worksheets to update the PDB.]

(4) Prepare draft "p" forms to support the funded level (through PRIORITY 130) progs. Unfunded level progs were also prepared for missiles, WTCV, OPA-2, and OPA-3. The "p" forms contain detailed data on Production Base Support (PBS), Product Improvement Programs (PIPs), secondary item rqmts, TRACE-P rqmts, and production schedules.

(5) Prepare draft Multiyear Proc (MYP) forms 1-8 including economic production rate (EPR) data for each procurement program for the FY 86-90 POM.

(6) Prepare Data Interchange Reports for items that support the fielding of new equipment.

(7) Prepare a prioritized listing of recommended prog realignments or new starts.

(8) If a prog is required in FY 90 and the prog data is not available in the LRRDAP, extend quantities and cost thru FY 90.

The above data was prepared following the instructions in DOD Budget Guidance Manual 7110-1-M ("p" forms), RDAISA's Procurement Data Base User's Guide (proc worksheets), and ODCSRDA's Procurement Planning and Policy Guidance (PPPG). If any special data (e.g., certain "p" forms for a particular appn) was requested by DA prior to the reviews, it was sent to AMC for subsequent forwarding to DA.

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): (DA) (MACOM) Field		LEVEL (Circle): DA MACOM (Field)		LEVEL (Circle): DA MACOM (Field)	
OFC SYM: (1) DAMA-PPP-P, (2) AMCSM-WRM		OFC SYM: MULTIPLE		OFC SYM: MULTIPLE	
OFC TITLE: (1) ODCSRDA (2) SMT, Res & Sys Int Div		OFC TITLE: MSCs/PMS		OFC TITLE: MSCs/PMS	
INPUT TITLE: (1) DA AMP Review Call Letter (2) AMC AMP Review Call Letter		ACTIVITY TITLE: Prepare for POM AMP Reviews		OUTPUT TITLE: POM AMP Review Input Data	
DESCRIPTION: (1) Contained general and detailed instructions on the methodology and data required prior to and after the reviews. Key enclosures included: (a) Review schedule w/dates, appn, MSC. (b) Gen instructions on using inflation indices. (c) 109 Report instructions. (d) POM Procurement Worksheet instructions. (e) "p" form instructions. (continued)		DESCRIPTION: The MSCs/PMS performed the following tasks: (1) Review LRRDAP Delta Report and mark up 109 Report to insure LRRDAP changes are included. (2) Evaluate the marked up 109 Report and identify progs that need pricing and executability changes for the FY 86-89 columns of the FY 85 Pres Budget. (3) Mark up Proc Worksheets to update preferred, substitute, and unserviceable asset positions as of 30 Sep 83, asset gains & losses, narrative descriptions, (continued)		DESCRIPTION: The following data were prepared for the reviews: (1) Marked up 109 Report. (2) Marked up Proc Worksheets pages A, B, C, M, & N). (3) Draft "p" forms. (4) Draft MYP forms (1-8) w/Econ Prod Rate (EPR) data. (5) Data Interchange Reports. (6) Listing of prog realignments or new starts.	
DATE: (1) 12 Dec 83, (2) 28 Dec 83				DATE: 9 Jan 84 (Beginning of reviews)	
ADP SYS:		ADP SYS:		ADP SYS:	
TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
Distribution Requirements Tape		Shows how Army's onhand and/or due-in assets will be utilized (distributed) during peacetime. Also called SAMPAM 38 Asset File. Contains X-ref of LINS to SSNs and SSNs to LINS.		DESCOM 5 Oct 83	
SSN/Assets Tape				DESCOM 3 Nov 83	
AAO Tapes (FY 85-89)				RDAISA 15 Dec 83	
RDAISA 109 Report		Proc Summary Increment Report for FY 85 Pres Budget (all appropriations). Contains Qty/\$ for FY 85-89.		RDAISA 28 Dec 83	

(continued on page 3)

APPN: Procurement

RECORD # B6

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): (DA) MACOM Field		LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA MACOM (Field)	
OFC SYM: DAMA-PPP		OFC SYM: AMCSM-WRM		OFC SYM: MULTIPLE	
OFC TITLE: ODCSRDA, Mat Plans & Progs		OFC TITLE: SMT, Res & Sys Int Div		OFC TITLE: MSCs/PMS	
INPUT TITLE: DA AMP Review Call Letter *		ACTIVITY TITLE: Prepare AMC AMP Review Call Letter		OUTPUT TITLE: AMC AMP Review Call Letter	
DESCRIPTION: Contained general and detailed instructions on the methodology and data required prior to and after the reviews. Key enclosures included: (a) Review schedule w/dates, appn, MSC. (b) Gen instructions on using inflation indices. (c) 109 Report instructions. (d) Procurement Worksheet instructions. (e) "p" form instructions. (f) Econ Prod Rates/MYP data instructions w/blank MYP forms (1-8). (g) Prod Base Sup (PBS) prog instr.		DESCRIPTION: Supplement the instructions in the DA AMP Review call letter (e.g., which "p" forms to prepare for each appn). Coordinate letter with AMCDE-PIP (PIPs), AMCPP-IR (PBS), AMCSM-WRS (Spares and Repair Parts), AMCSM-WA/WG/WC (Weapon Systems), and AMCRM-C (Program Integration). The above offices placed their specific instructions in this call letter and therefore eliminated the need for separate instructions to the field. Preparation of this letter began about the time the draft DA AMP Review call ltr (dtd 25 Oct 83) was received at SMT for comments.		DESCRIPTION: Contained supplemental instructions to the DA AMP review call letter. Key enclosures included: (a) PIP instructions. (b) Data Interchange Report instructions. (c) MYP instructions and blank MYP forms (1-8). (d) Detailed distribution instructions on final SAMPAM/AMP products.	
DATE: 12 Dec 83 (Draft ltr, 25 Oct 83)				DATE: 28 Dec 83	
ADP SYS:		ADP SYS:		ADP SYS:	

TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
ACTIVITY					
SUPPORT					

*For future use, ODCSRDA (DAMA-PPP-P) is assembling a handbook which will contain both the general and detailed instructions for the AMP reviews. This will reduce the contents of the DA Call Letter to essentially providing the review schedule and any suspenses.

APPN: Procurement

RECORD # B5

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA MACOM Field		LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): (DA) MACOM Field	
OFC SYM:		OFC SYM: AMCSM-WRM		OFC SYM: DAMA-PPP-P	
OFC TITLE:		OFC TITLE: SMT, Res & Sys Int Div		OFC TITLE: ODCSRDA, Mat Plans & Progs	
INPUT TITLE:		ACTIVITY TITLE:		OUTPUT TITLE:	
DESCRIPTION:		DESCRIPTION:		DESCRIPTION:	
		Prepare request for RDAISA AMP Products		Request for RDAISA AMP Products	
		Request the RDAISA AMP products required by the MSCs (for their particular appropriations) to prepare for the FY 86-90 POM AMP Reviews.		This letter requested the distribution of RDAISA AMP products (109 Report, Worksheets, and 12 Report) to the MSCs. [These products were distributed to the MSCs on 28 Dec 83.]	
DATE:				DATE: 14 Dec 83	
ADP SYS:		ADP SYS:		ADP SYS:	

TITLE	DESCRIPTION/INFORMATION USED	PROPOSER

ACTIVITY
SUPPORT

APPN: Procurement

RECORD # B4

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA MACOM Field		LEVEL (Circle): (DA) (MACOM) (Field)		LEVEL (Circle): DA MACOM (Field)	
OFC SYM:		OFC SYM: MULTIPLE		OFC SYM: MULTIPLE	
OFC TITLE:		OFC TITLE: ODCSRDA, ODCSOPS, ODCSLOG, USAREUR, AMC, TRADOC, & MSCs/PMs		OFC TITLE: MSCs/PMs	
INPUT TITLE:		ACTIVITY TITLE: Conduct PIP Joint Reviews		OUTPUT TITLE: PIP Joint Review Results	
DESCRIPTION:		DESCRIPTION: HQ AMC (AMCDE-PIP) hosted the PIP Joint Reviews (5-8 Dec 83). The purpose of the reviews were to make a decision (i.e., approve, disapprove, cancel, or defer) on each PIP. These PIP reviews looked at the concept of the PIPs, not funding.		DESCRIPTION: The MSCs/PMs return home with the status of their PIPs (i.e., approved, disapproved, etc.). If a PIP was approved at the joint reviews, it was then eligible to compete for funding at the POM AMP reviews. More importantly, these PIP review results are used at ODCSOPS in Program Formulation and Prioritization.	
DATE: 5 Dec 83 (Begin of PIP reviews)				DATE: 8 Dec 83 (End of PIP reviews)	
ADP SYS:		ADP SYS:		ADP SYS:	

T I T L E		DESCRIPTION/INFORMATION USED	PROPOSER
ACTIVITY SUPPORT	Priority Lists	Priority listing of PIPs. ODCSOPS and TRADOC both prepare a list.	ODCSOPS & TRADOC

I N P U T	A C T I V I T Y	O U T P U T
LEVEL (Circle): DA MACOM Field	LEVEL (Circle): (DA) (MACOM) Field	LEVEL (Circle): DA MACOM Field
OFC SYM:	OFC SYM: MULTIPLE	OFC SYM:
OFC TITLE:	OFC TITLE: SMT (Res & Sys Int Div) and ODCSRDA (Mat Plans & Progs)	OFC TITLE:
INPUT TITLE:	ACTIVITY TITLE: Plan for POM AMP Reviews	OUTPUT TITLE:
DESCRIPTION:	DESCRIPTION: The Res & Sys Int Div of SMT (AMCSM-WRM) is responsible for AMP review coordination within AMC (review team participants for each review). Their counterpart at ODCSRDA is the Proc Prog & Bud Div of Materiel Plans & Programs Directorate (DAMA-PPP). The AMP review schedule (included in the DA call ltr) was coordinated between these two offices.	DESCRIPTION:
DATE: Oct 83		DATE: Dec 83
ADP SYS:	ADP SYS:	ADP SYS:

TITLE	DESCRIPTION/INFORMATION USED	PROPOSER
ACTIVITY SUPPORT		

APPN: Procurement

RECORD # B2

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA MACOM (Field)		LEVEL (Circle): DA MACOM (Field)		LEVEL (Circle): (DA) (MACOM) Field	
OFC SYM: MULTIPLE		OFC SYM: MULTIPLE		OFC SYM: MULTIPLE	
OFC TITLE: MSCs/PMS		OFC TITLE: MSCs/PMS		OFC TITLE: See description below.	
INPUT TITLE: Budget AMP Review Output Data		ACTIVITY TITLE: Prepare SAMPAM/AMP		OUTPUT TITLE: SAMPAM/AMP	
DESCRIPTION: This is the data prepared prior to the reviews with those "marked in" changes made during the reviews. This includes: (1) Marked up 109 Report. (2) Marked up Proc Worksheets (pages A, B, C, M, & N). (3) Draft "p" forms. (4) Draft MYP forms (1-8) w/Econ Prod Rate (EPR) data. (5) Data Interchange Reports. (6) Listing of program realignments and new starts.		DESCRIPTION: Based upon changes agreed to at its AMP review, each MSC must update its SAMPAM (automated AMP) for distribution NLT 30 days after the review. Note that the SAMPAM tape is a major output of the review, although it is not required during the review and generally only utilized by the DA recipients to obtain the asset position data. DA incorporated the AMP review results in the Procurement Data Base (PDB) upon their return to DA.		DESCRIPTION: This is the automated Army Materiel Plan (AMP). The addressees receive the following key sections: (1) RDAISA (ACSC-RDS-P): AMP Tape. (2) ODCSRDA (DAMA-PPP-P): Pages 1-7 (WTCV and OPA-1 only). (3) AMC (AMCSM-WRM & AMCDE-PII): Pages 1-7, Misc Summary, and PA Procurement Summary. (4) DESCOM (SDSLE-DOD): Sectors II, III, & IV and sorted AMP SSN SEQ.	
DATE: 15 Jul 83 (End of reviews)		ADP SYS: System for Automation of Materiel Plans for Army Materiel (SAMPAM)		DATE: NLT 30 days after review	
ADP SYS:		PROPOSER: AMC		ADP SYS:	

ACTIVITY SUPPORT	TITLE	PROPOSER	DESCRIPTION/INFORMATION USED	PROPOSER
	Distribution Rqmts Tape		Extracted from TAEDP for input to SAMPAM Sector 6	DESCOM
	SSN/Assets Tape		Has the Continuing Balance System-Expanded (CBS-X) Assets for input to SAMPAM Sector 3.	DESCOM

ACTIVITY (DESCRIPTION) continued

the data (listed under "input") which they had prepared for the review. These are the working documents that contain the data that the review team examine line by line for each program. The procurement data is formally submitted by the MSC in the final draft AMP (via SAMPAM) NLT 30 days after the end of the review. The review looked at the five POM years (FY 85-89) just submitted to OSD in May 1983. [The procurement data received from DA only extended to FY 89 at this time]. Although review emphasis was on FY 85 (the new budget year), the out-years (FY 86-89) were examined to insure that there is continuity in the program. There should be a fairly smooth transition in terms of quantity and dollars from year to year to insure the program is economically efficient. The amount of time spent examining the outyears varies depending on the particular program. The results of the reviews were used by DA to prepare the FY 85 Army Budget for submission to ODS in September 1984.

APPN: Procurement

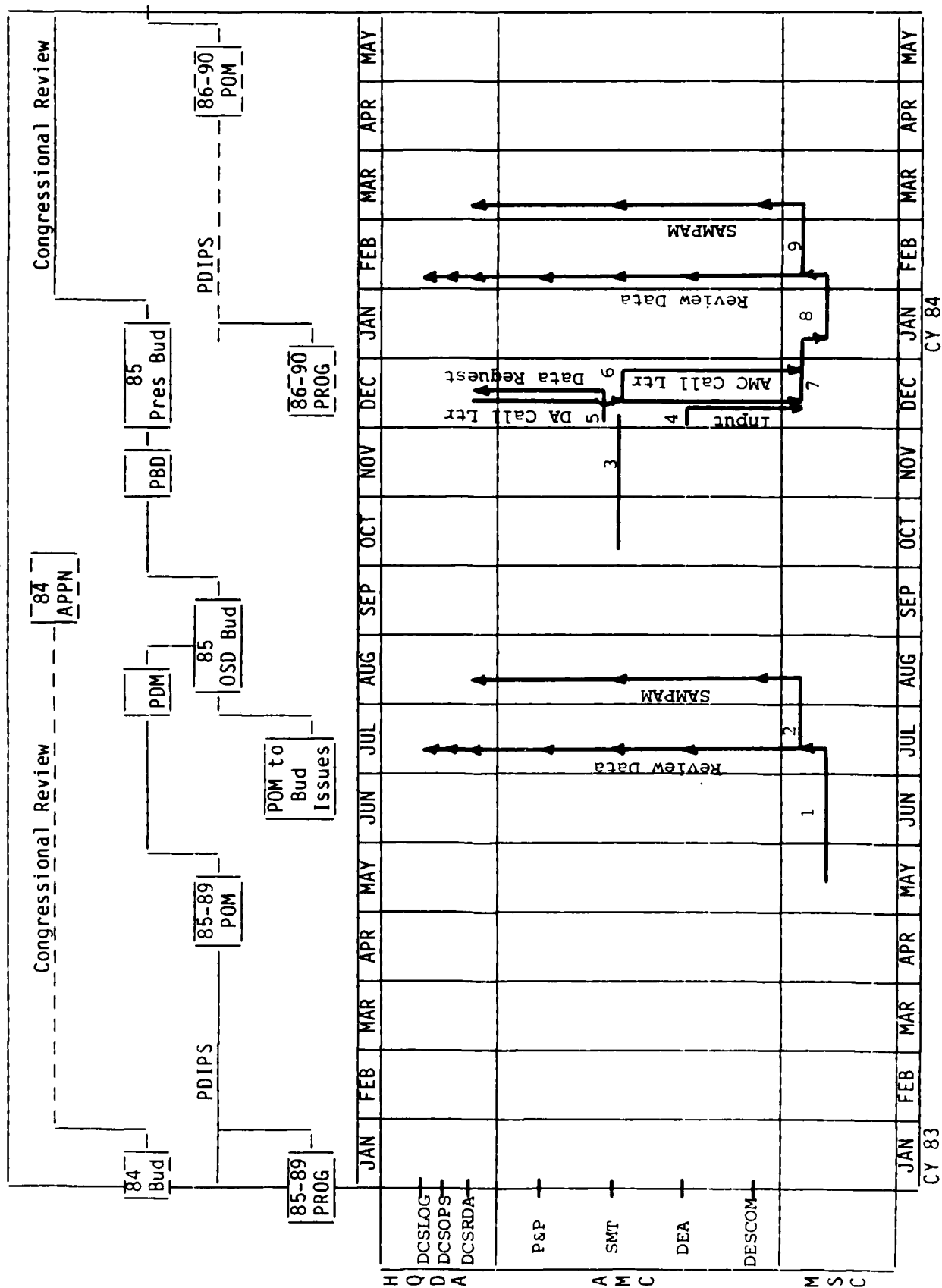
RECORD # B1

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA MACOM (Field)		LEVEL (Circle): (DA) (MACOM) (Field)		LEVEL (Circle): (DA) (MACOM) Field	
OFC SYM: MULTIPLE		OFC SYM: MULTIPLE		OFC SYM:	
OFC TITLE: MSCs/PMs		OFC TITLE: Budget AMP Review Team and MSCs/PMs		OFC TITLE: Budget AMP Review Team	
INPUT TITLE: Budget AMP Review <u>Input Data</u>		ACTIVITY TITLE: Conduct Budget AMP Reviews		OUTPUT TITLE: Budget AMP Review <u>Output Data</u>	
DESCRIPTION: The following primary data was prepared as input to the reviews: (1) Marked up 109 Report (or Program Quantity/Cost Reports as requested by ODCSRDA co-chairperson. (2) Marked up procurement worksheets (pages A, B, C, M, & N). (3) Draft "p" forms. (4) Draft multiyear procurement (MYP) forms w/Econ Prod Rate (EPR) data. (5) Data Interchange Reports. (6) Listing of program realignments and new starts.		DESCRIPTION: Conduct reviews by appropriation, usually at host MSCs, to evaluate the pricing and executability of the FY 85-89 POM with the primary emphasis on the FY 85 budget year. Recommend adjustments that are within the appn's POM Total Obligational Authority (TOA) and consistent with the Army priorities as shown in the FY 85-99 LRRDAP. Each of the MSC's procurement programs under the particular appn in question was reviewed. At the start of the reviews, the MSCs gave the key representative of each organization on the review team		DESCRIPTION: This consisted of the documentation prepared for the review with "marked up" changes made during the review plus a consensus MFR. The data contained qty/\$ for FY 85-89, essentially representing the final results of the review. The key review members returned to their parent organizations with this data for subsequent after-review actions (e.g., ODCSRDA updates the Procurement Data Base (PDB)).	
DATE: 10 May 83 (Beginning of reviews)		ADP SYS:		DATE: 15 Jul 83 (End of reviews)	
ADP SYS:		ADP SYS:		ADP SYS:	

T I T L E		D E S C R I P T I O N / I N F O R M A T I O N U S E D		P R O P O N E N T	

ACTIVITY
SUPPORT

FIGURE B. AMP REVIEW NETWORK

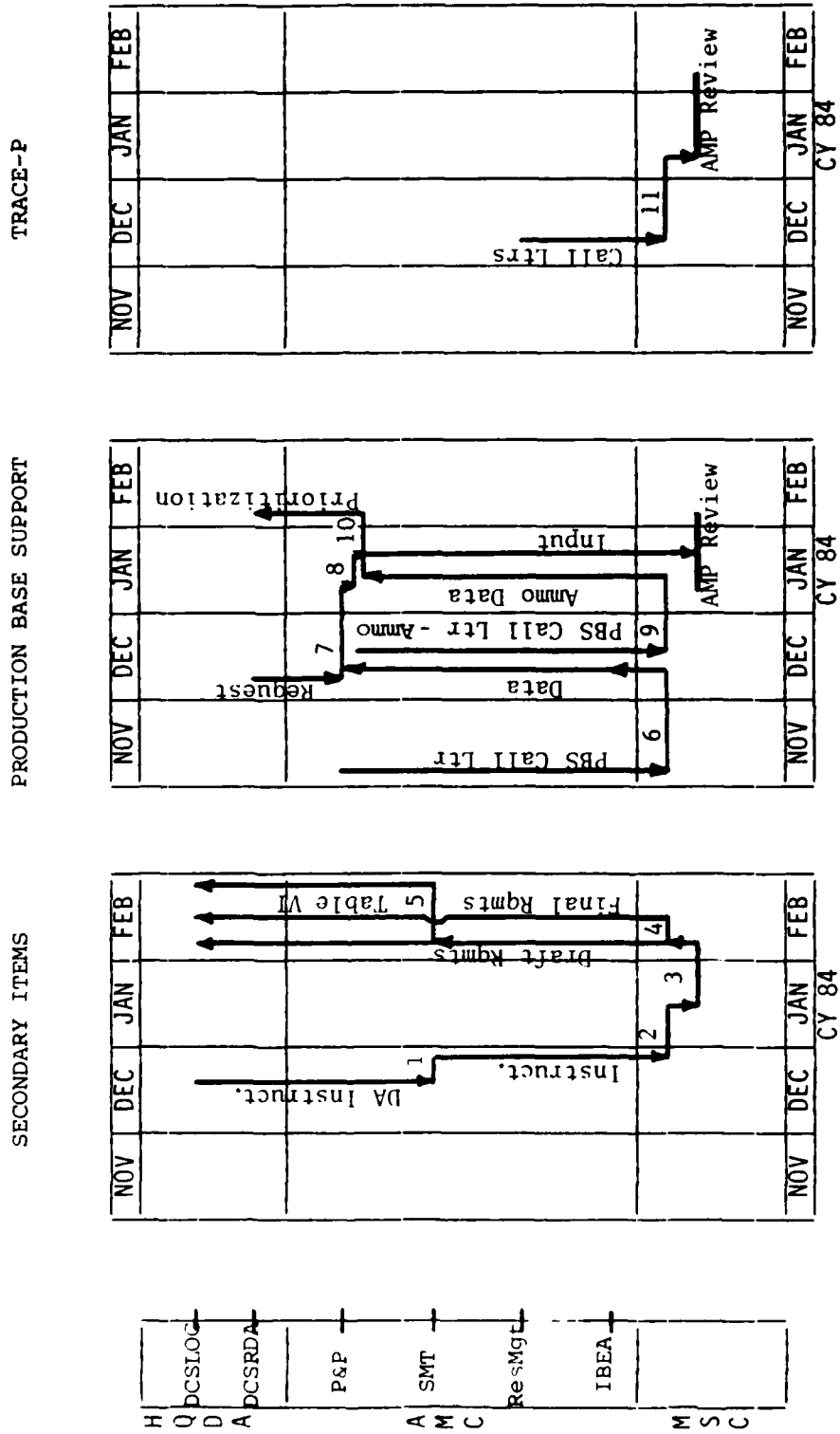


APPENDIX C

SECONDARY ITEMS, PBS, AND TRACE-P PROCESSES

The data records for the Secondary Items, PBS, and TRACE-P subprocesses follow. The data record identification number in the top right corner corresponds to the activity number on the network (Figure C).

FIGURE C. SUPPLEMENTAL NETWORKS



APPN: Procurement

RECORD # C1

I N P U T		A C T I V I T Y		O U T P U T	
<p>LEVEL (Circle): (DA) MACOM Field</p> <p>OFC SYM: DAIO-RMI</p> <p>OFC TITLE: ODCSLOG, Res & Mgt</p>		<p>LEVEL (Circle): DA (MACOM) Field</p> <p>OFC SYM: AMCSM-WRS</p> <p>OFC TITLE: SMT, Res & Sys Int Div</p>		<p>LEVEL (Circle): DA MACOM (Field)</p> <p>OFC SYM: MULTIPLE</p> <p>OFC TITLE: MSCs/PMS</p>	
<p>INPUT TITLE:</p> <p>DA Instructions for Secondary Items</p> <p>DESCRIPTION:</p> <p>Msg containing instructions for preparation of Proc Appn and OMA 7M program secondary items for the FY 86-90 POM AMP reviews. It specified the data and its format that was required at the reviews and also what was to be submitted to ODCSLOG afterwards. These instructions addressed replenishment spares and initial spares separately.</p>		<p>ACTIVITY TITLE:</p> <p>Implement DA Instructions</p> <p>DESCRIPTION:</p> <p>SMT retransmitted ODCSLOG's secondary item instruction message to the MSCs/PMS with implementation guidance.</p>		<p>OUTPUT TITLE:</p> <p>Instructions for Secondary Items</p> <p>DESCRIPTION:</p> <p>This is ODCSLOG's 23 Dec 83 message as augmented by AMC.</p>	
<p>DATE: 23 Dec 83</p> <p>ADP SYS:</p>		<p>ADP SYS:</p>		<p>DATE: 28 Dec 83</p> <p>ADP SYS:</p>	

TITLE	DESCRIPTION/INFORMATION USED	PROPOSER
ACTIVITY SUPPORT		

APPN: Procurement

RECORD # C2

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA MACOM (Field)		LEVEL (Circle): DA MACOM (Field)	
OFC SYM: AMCSM-WRS		OFC SYM: MULTIPLE		OFC SYM: MULTIPLE	
OFC TITLE: SMT, Res & Sys Int Div		OFC TITLE: MSCs/PMs		OFC TITLE: MSCs/PMs	
INPUT TITLE: Instructions for Secondary Items DESCRIPTION: Msg containing instructions for preparation of Proc Appn and OMA 7M program secondary items for the FY 86-90 POM AMP reviews. It specified the data and its format that was required at the reviews and also what was to be submitted to ODCSLOG afterwards. These instructions addressed replenishment spares and initial spares separately.		ACTIVITY TITLE: Prepare Secondary Item Rqmts DESCRIPTION: The MSCs/PMs prepared their secondary item rqmts that support initial provisioning, replenishment, and war reserves for major items. Special emphasis was placed on FY 86 and 87. For initial spares rqmts computation, the PMs are responsible to coordinate all spare rqmts for their progs with the MSCs to insure the same base data (e.g., deployment schedules, densities, etc.) is being used. NOTE: Beginning with the next POM cycle (FY 87-91), Army Stock Fund (ASF) cash (continued)		OUTPUT TITLE: Secondary Item Review Input Data DESCRIPTION: The following data supporting FY 86-90 rqmts was prepared for the secondary item reviews for initial and replenishment spares: (1) MSC summary sheet displaying rqmts by system. (2) Draft "p" forms 18a(1) (Initial spares only). (3) Draft POM Justification Tables (Table VI). NOTE: Table VI contains both Proc Appn (initial and replenishment) and OMA 7M program secondary items data. DATE: 28 Dec 83 ADP SYS:	
DATE: 28 Dec 83 ADP SYS:		ADP SYS:		DATE: 16 Jan 84 (Beginning of secondary item reviews) ADP SYS:	
TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
RDAISA 109 Report		Contains approved funding levels for FY 86-90 for each appn/activity.		RDAISA 28 Dec 83	
Budget Stratification Tables		Used for replenishment spare rqmts computation		NITCP 30 Sep 83	
Inflation Indices		DACS-PBC Memorandum		DACS 4 Apr 83	
ACTIVITY SUPPORT					

ACTIVITY DESCRIPTION (continued)

requirements will be submitted along with the secondary item requirements. This will be done by adding a new line to the Table VI (see Output). Here the MSCs will show the funds needed to get their portion of the revolving fund cash position up to the level to meet projected inventory built up for war reserves, force modernization/modification, and sustainability improvement. 1983 was the first year the ASF was depleted to the point where additional funds were required. SMT submitted an out-of-cycle funding request in April 1984 for FY 86-90.

APPN: Procurement

RECORD # C3

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA MACOM (Field)		LEVEL (Circle): (DA) (MACOM) (Field)		LEVEL (Circle): (DA) (MACOM) Field	
OFC SYM: MULTIPLE		OFC SYM: MULTIPLE		OFC SYM:	
OFC TITLE: MSCs/PMS		OFC TITLE: Secondary Item Review Team and MSCs/PMS		OFC TITLE: Secondary Item Review Team	
TNPUT TITLE: Secondary Item Review <u>Input Data</u> DESCRIPTION: The following data supporting FY 86-90 rmts was prepared for the secondary item reviews for initial and replenishment spares: (1) MSC summary sheet displaying rmts by system. (2) Draft "p" forms 18a(1) (Initial spares only). (3) Draft POM Justification Tables (Table VI).		ACTIVITY TITLE: Conduct Secondary Item Reviews DESCRIPTION: Conduct FY 86-90 POM AMP reviews for procurement appropriation at the host items by appropriation at the host MSCs. These reviews were held 16 Jan-3 Feb 84. The review team members worked from the data (listed under "input") prepared by the MSCs/PMS. These reviews occurred after the major item AMP reviews so that any changes in the major item data rmts could be captured in the secondary item rmts.		OUTPUT TITLE: Secondary Item Review <u>Output Data</u> DESCRIPTION: This data contained the "marked in" changes made during the reviews. The key secondary item review team members returned to their respective organizations with this data to be used for after-review actions.	
DATE: 16 Jan 84		DATE: 3 Feb 84			
ADP SYS:		ADP SYS:		ADP SYS:	
TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
ACTIVITY SUPPORT					

APPN: Procurement

RECORD # C4

I N P U T	A C T I V I T Y	O U T P U T
LEVEL (Circle): DA MACOM (Field) OFC SYM: MULTIPLE OFC TITLE: MSCs/PMS	LEVEL (Circle): DA MACOM (Field) OFC SYM: MULTIPLE OFC TITLE: MSCs/PMS	LEVEL (Circle): (DA) MACOM Field OFC SYM: DALO-RMI OFC TITLE: ODCSLOG, Res & Mst
INPUT TITLE: Secondary Item Review Output Data DESCRIPTION: This is the data prepared prior to the secondary item reviews with those "marked up" changes made during the reviews.	ACTIVITY TITLE: Finalize Secondary Item Rqmts DESCRIPTION: The secondary item data presented at the POM AMP reviews was finalized based on changes made at the reviews.	OUTPUT TITLE: Secondary Item Rqmts DESCRIPTION: The following data supporting FY 86-90 secondary item rqmts was submitted to ODCSLOG NLT one week following the end of the review: (1) MSC summary sheets displaying rqmts by system. (2) Draft "p" forms 18a(1) (Initial spares only). (3) POM Justification Tables (Table VI).
DATE: 3 Feb 84 (End of secondary item reviews) ADP SYS:	ADP SYS:	DATE: 10 Feb 84 ADP SYS:

TITLE	DESCRIPTION/INFORMATION USED	PROPOSER
ACTIVITY SUPPORT		

APPN: Procurement

RECORD # C5

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA MACOM (Field)		LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): (DA) MACOM Field	
OFC SYM: MULTIPLE		OFC SYM: AMCSM-WRS		OFC SYM: DALO-RMI	
OFC TITLE: MSCs/PMS		OFC TITLE: SMT, Res & Sys Int Div		OFC TITLE: ODCSLOG, Res & Mgt	
INPUT TITLE: Table VIs		ACTIVITY TITLE: Consolidate Table VIs		OUTPUT TITLE: Consolidated Table VIs	
DESCRIPTION: These were the secondary item POM Justification Tables prepared by system, FY 86-90. Each contained repair funding (peacetime and war reserves), proc funding (peacetime replenishment), proc summary data (safety level, proc lead time, etc.), initial spares, and total POM proposed funding (peacetime and war reserve). The review attendees from the Secondary Items Branch, SMT (AMCSM-WRS), returned to HQ AMC with this data.		DESCRIPTION: Representatives from the Secondary Items Br, Res & Sys Int Div, SMT, returned from the POM AMP reviews with the individual Table VIs prepared by the MSCs. These were consolidated into single AMC Table VIs by proc appn budget activity.		DESCRIPTION: These were consolidations by proc appn budget activity of the MSCs' individual Table VIs and represented AMC's secondary item rqmts. This year, the consolidated Table VIs were handcarried to ODCSLOG prior to the suspense date of 29 Feb 84 (as stated in ODCSLOG's 23 Dec 83 msg containing the DA instructions).	
DATE: 3 Feb 84 (End of reviews)		ADP SYS		DATE: 29 Feb 84	
ADP SYS:				ADP SYS	

TITLE		DESCRIPTION/INFORMATION USED		PROPOSER
ACTIVITY SUPPORT				

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) (Field)		LEVEL (Circle): DA (MACOM) (Field)	
OFC SYM: AMCPP-IR		OFC SYM: MULTIPLE		OFC SYM: (1) AMCPP-IR (2) DRXIB-PE	
OFC TITLE: P&P, Production & Industrial Preparedness Div		OFC TITLE: MSCs		OFC TITLE: (1) P&P (2) Industrial Base Eng Acty	
INPUT TITLE: PBS Call Ltr		ACTIVITY TITLE: Prepare PBS Pre-AMP Review Data		OUTPUT TITLE: PBS Pre-AMP Review Data	
<p>DESCRIPTION:</p> <p>Provided the Pre-AMP review schedule, data requirements, and PBS dollar guidance by MSC for each proc appropriation for FY 85-90. This dollar guidance was extracted from RDAISA 109 Report (there are SSNs for PBS in each appn in the 109 Report).</p>		<p>DESCRIPTION:</p> <p>The MSCs prepared their PBS requirements for the POM years (FY 86-90) based on projected weapon system requirements. The production base must be both available and have the capability to satisfy these hardware requirements.</p>		<p>DESCRIPTION:</p> <p>This included the following documentation: (a) A spread sheet or project list for each proc appn, FY 86-90. (b) Draft "p" forms 15 and 17, FY 86. (c) Single sheet for each project including scope of work, milestones, alternatives considered, impact of deferring or not funding the rqmt, FY 86-88.</p>	
DATE: 3 Nov 83				DATE: 12 Dec 83	
ADP SYS:		ADP SYS:		ADP SYS:	

TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
ACTIVITY SUPPORT	AMP documentation	Hardware requirements		MSCs/PMS	
	Defense Guidance			OSD	

APPN: Procurement

RECORD # C7

I N P U T	A C T I V I T Y	O U T P U T
LEVEL (Circle): (DA) MACOM (Field) OFC SYM: (1) DAMA-PP, (2) MULTIPLE OFC TITLE: (1) ODCSRDA, Mat Plans & Progs (2) MSCS	LEVEL (Circle): DA (MACOM) Field OFC SYM: AMCPP-IR OFC TITLE: P&P, Production & Industrial Preparedness Div	LEVEL (Circle): DA (MACOM) Field OFC SYM: AMCPP-IR OFC TITLE: P&P, Production & Industrial Preparedness Div
INPUT TITLE: (1) PBS Prioritization Request (2) PBS Pre-AMP Review Data DESCRIPTION: (1) Msg requesting a prioritized PBS prog for each appn for FY 86-90 and a list of PBS projects in FY 86-90 which are SAR systems. Projects for four non-SAR systems were also requested. (2) This included the following documentation: (a) A spread sheet or project list for each proc appn, FY 86-90. (b) Draft "p" forms 15 and 17, FY 86. (c) Single sheet for each project including scope of work, milestones, alternatives considered, impact of deferring or not funding the reqmt, FY 86-88.	ACTIVITY TITLE: Prepare Draft PBS Prioritization Data DESCRIPTION: Consolidate the MSC's data onto spread sheets to represent the PBS prioritization data for each proc appropriation. The PBS projects were prioritized within each appn based on the priority of the end item and the time frame when the PBS is needed (i.e., when the hardware will be fielded).	OUTPUT TITLE: Draft PBS Prioritization Data DESCRIPTION: A prioritized listing of PBS projects including priority, project title, and PBS funds for FY 86-90 broken out by appropriation.
DATE: (1) 7 Dec 83, (2) 12 Dec 83 ADP SYS:	ADP SYS:	DATE: 5 Jan 84 (Begin of Pre-AMP reviews) ADP SYS:

TITLE	DESCRIPTION/INFORMATION USED	PROPOSER
FYDP Procurement Annex.	Used to determine when hardware will be fielded (to insure PBS is available when needed)	ODCSRDA Dec 83
DA LRRDAP, FY 86-2000.	Contains weapon system priorities.	ODCSRDA 3 Jan 84
ACTIVITY SUPPORT		

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) (Field)		LEVEL (Circle): DA (MACOM) (Field)	
OFC SYM: AMCPP-IR		OFC SYM: MULTIPLE		OFC SYM: MULTIPLE	
OFC TITLE: P&P, Production & Industrial Preparedness Div		OFC TITLE: HQ AMC and MSCs		OFC TITLE: MSCs	
INPUT TITLE: Draft PBS Prioritization Data		ACTIVITY TITLE: Conduct PBS Pre-AMP Reviews		OUTPUT TITLE: PBS Pre-AMP Review Results	
DESCRIPTION: A prioritized listing of PBS projects including priority, project title, and PBS funds for FY 86-90 broken out by appropriation.		DESCRIPTION: These reviews were held at HQ AMC to fine-tune FY 85 budget projects and to discuss FY 86-90 Provisioning of Industrial Facilities (PIF), Layaway of Industrial Facilities (LIF), and Depot Maintenance Plant Equipment (DMPE) reqmts for all proc appropriations except ammunition prior to the AMP reviews (Ammo elected not to participate). These reviews were scheduled to precede the AMP reviews at the MSCs. NOTE: 1984 was the first time these Pre-AMP reviews were held.		DESCRIPTION: Draft PBS prioritization data for each appropriation which will be formally submitted by HQ AMC to ODCSRDA on 1 Feb 84. The MSCs used this data at the AMP reviews.	
DATE: 5 Jan 84 (Begin of Pre-AMP reviews)		DATE: 19 Jan 84 (End of Pre-AMP reviews)		DATE: 19 Jan 84 (End of Pre-AMP reviews)	
ADP SYS:		ADP SYS:		ADP SYS:	
TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
ACTIVITY SUPPORT					

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA (MACOM) Field	
OFC SYM: AMCCP-IR		OFC SYM: MULTIPLE		OFC SYM: AMCCP-IR	
OFC TITLE: P&P, Production & Industrial Preparedness Div		OFC TITLE: MSCs		OFC TITLE: P&P, Production & Industrial Preparedness Div	
INPUT TITLE: PBS Call Ltr for Ammo		ACTIVITY TITLE: Prepare Ammo PBS Prioritization Data		OUTPUT TITLE: Ammo PBS Prioritization Data	
DESCRIPTION: Subsequent to AMC's 3 Nov 83 Call Ltr, HQDA(DAMA-PPM), requested similar info for all appropriations including ammunition. (The 3 Nov 83 ltr excluded ammunition). This msg requested a prioritized list of <u>Ammo</u> PBS projects.		DESCRIPTION: The MSCs prepared their ammunition PBS requirements for FY 86-90 based on the projected requirements.		DESCRIPTION: A prioritized list of PBS projects for ammunition for FY 86-90.	
DATE: 20 Dec 83				DATE: 13 Jan 84	
ADP SYS:		ADP SYS:		ADP SYS:	
TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	
AMP documentation.		Ammunition requirements.		MSCs/PMs	
Defense Guidance.				OSD	
ACTIVITY SUPPORT					

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) (Field) OFC SYM: MULTIPLE OFC TITLE: (1) HQ AMC and MSCs (2) MSCs		LEVEL (Circle): DA (MACOM) Field OFC SYM: AMCPP-I OFC TITLE: P&P, Production & Industrial Preparedness Div		LEVEL (Circle): (DA) MACOM Field OFC SYM: DAMA-PP OFC TITLE: ODCSRDA, Mat Plans & Progs	
INPUT TITLE: (1) PBS Pre-AMP Review Results (2) Ammo PBS Prioritization Data		ACTIVITY TITLE: Prepare PBS Prioritization		OUTPUT TITLE: PBS Prioritization	
DESCRIPTION: (1) Draft PBS prioritization data (FY 86-90) for each proc appropriation except ammunition. Ammunition was not addressed at the Pre-AMP reviews. (2) A prioritized list of PBS projects for ammunition for FY 86-90.		DESCRIPTION: Based on results of the PBS Pre-AMP reviews and the ammo prioritization data received from the MSCs, the spread sheets containing the PBS prioritization data were finalized. The MSCs were notified of any changes made since the pre-reviews.		DESCRIPTION: This was a prioritized listing of PBS projects including priority, project title, and PBS funds for FY 86-90 for each procurement appn (including ammo).	
DATE: (1) 19 Jan 84 (End of Pre-AMP rev) (2) 13 Jan 84				DATE: 1 Feb 84	
ADP SYS:		ADP SYS:		ADP SYS:	

ACTIVITY SUPPORT	TITLE		DESCRIPTION/INFORMATION USED		PROPOSER	

I N P U T		A C T I V I T Y		O U T P U T	
LEVEL (Circle): DA (MACOM) Field		LEVEL (Circle): DA MACOM (Field)		LEVEL (Circle): DA MACOM (Field)	
OFC SYM: AMCRM-ER		OFC SYM: MULTIPLE		OFC SYM: MULTIPLE	
OFC TITLE: Dep CofS for Res Mgt, Cost Anal Div		OFC TITLE: PMs of TRACE-P funded systems		OFC TITLE: MSCs/PMs	
INPUT TITLE: TRACE-P Call Letters		ACTIVITY TITLE: Develop TRACE-P Funding Rqmts		OUTPUT TITLE: TRACE-P funding Rqmts	
<p>DESCRIPTION:</p> <p>Message/letter individually sent to the PMs of TRACE-P funded major or selected non-major weapon systems. They requested that TRACE-P rqmts be submitted at the AMP review as part of the total program cost estimates.</p> <p>Note: During the 1984 POM AMP reviews, five systems were using TRACE-P (M833, M1E1, RPV, SCOTT, and Quick Fix IIB).</p>		<p>DESCRIPTION:</p> <p>The PMs, working together with Cost Analysis (AMCRM-ER) in HQ AMC, updated their TRACE-P funding rqmts. This was done before or in conjunction with the Baseline Cost Estimate (BCE).</p>		<p>DESCRIPTION:</p> <p>TRACE-P funding rqmts were contained on draft "p" forms 22 and 40. They were reviewed at the POM AMP reviews.</p>	
DATE: Dec 83		DATE: 9 Jan 84 (Beginning of reviews)		DATE: 9 Jan 84 (Beginning of reviews)	
ADP SYS		ADP SYS		ADP SYS	

ACTIVITY SUPPORT	TITLE	DESCRIPTION/INFORMATION USED	PROPOSER
	Baseline Cost Estimate (BCE)		PM

APPENDIX G
DATA FORMATS

Formats of selected products prepared by the MSCs and those provided by
SA to the MSCs to support the Procurement programming process are contained
in this appendix.

Page

MSC Products

SAMPAM pages 1-7	G-2
Table VI (secondary items)	G-14

RDAISA Products

109 Report (25 Apr 84)	G-16
LRRDAP Section 2, Procurement (21 Jun 83, 31 Aug 83, 30 Dec 83)	G-17
FYDP Procurement Annex (11 May 83, 15 Sep 83)	G-20

PROCUREMENT HISTORY & PLANNING										DAH	
Appropriation/Budget Activity										P-1 ITEM MONITORING	
LINE ITEM/FISCAL YEAR	CONTRACTOR	CONTRACT METHOD AND TYPE (OPTION)	CONTRACTED BY	P/R RELEASE DATE	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REVISIONS REQUIRED	IF YES, WHEN AVAIL-ABLE
<div style="position: absolute; bottom: 10px; right: 10px;">REMARKS:</div>											

Exhibit P-22a

P-1 Item Monitoring Form No.

PROGRAM COST BREAKDOWN					DATE
APPROPRIATION/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE			
ELEMENT OF COST	IDENT CODE	(Total cost in thousands of dollars)			
		FY	TOTAL COST	QTY	TOTAL COST
Plan Cost					
Basic Const/Conv					
Change Orders					
Electronics					
Propulsion Equipment					
Hull, Mechanical, Electrical					
Other Costs					
Ordnance					
Future Character Changes					
Escalation Budgeted					
Escalation Earned					
Project Managers Growth Factor					
Total Ship Estimate					
Less: Advance Procurement (FY)					
Cost Growth (FY)					
Escalation (FY)					
Net P-1 Line Item					

P-1 SUMMARY LIST
ITEM NO.

PAGE NO.

Exhibit P-22

P-1 ITEM NOMENCLATURE

1 CURRENT DEVELOPMENT AND TEST STATUS:

Dev Test & Eval (DT&E)	Plan/Actual
Initial Oper Test & Eval (IOT&E)	Plan/Actual
Oper Test & Eval (OT&E)	Plan/Actual
Avail Date of Tech Data Pkg (TDP)	Plan/Actual

2 ESTIMATED DATE OF APPROVAL FOR SERVICE USE:

3 EQUIPMENT ITEM(S) TO BE REPLACED:

4. EXTENT OF IMPROVEMENT OVER ITEM (S) EQUIPMENT TO BE REPLACED:

DEVELOPMENT CONTRACT INFORMATION:

RD&E FUNDING PROFILE (\$ MIL)

[illegible]

REMARKS:

1/ Reference entries on attachment to P-19 if additional space is required to adequately explain delay from previous date.

CLASSIFICATION

P-1 SHOPP. LIST

PAGE NO.

Date: _____

INITIAL SPARES REQUIREMENTS
(Millions of dollars)

Category of materiel: _____

<u>P-1 Line</u>	<u>End Item Nomenclature</u>	<u>FY PY</u>	<u>FY CY</u>	<u>FY 8Y</u>
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
x	Radar Set	x	x	x
	(Stock Fund)	(x)	(x)	(x)
	(Procurement Appropriation)	(x)	(x)	(x)
	Totals	x	x	x
	(Stock Fund)	(x)	(x)	(x)
	(Procurement Appropriation)	(x)	(x)	(x)

10. Prove out Cost: (Amount and FY funded)
11. Production Capability
- a. Work Week: (1-8-5, 2-8-5, 3-8-5)
 - b. Unit of measure (Each, thousands, millions)
 - c. Monthly Capability:

	<u>Government</u>	<u>Commercial</u>
1. Active Facilities		
2. Inactive Facilities		
3. Total Capability (1+2)		
4. This facility present		
5. After this project		
6. Increased capability (5-4)		
7. Total Capacity (3+6)		
12. Active Facilities/Capacity: (Identify 11-c-1 above)
13. Inactive Facilities/Capacity: (Identify 11-c-2 above)
14. Requirements: (Relate to fiscal guidance and state in terms relative to capability)
15. Remarks: (Describe energy, safety, savings, priority, etc. considerations)

PRODUCTION SUPPORT AND FACILITIES PROJECTS
(Provision of Industrial Facilities)
(to be completed for projects \$900,000 and over upon specific request)

Date: _____

1. Project Number/Type: (Initial Production Facility, Modernization, Expansion)
2. Fund Code: (Appropriation, Budget Treasury Code)
3. Title: (Description nomenclature for project)
4. Project Cost:
 - a. Equipment acquisition
 - b. Construction
 - c. Land acquisition
 - d. Equipment rehabilitation
 - e. Building and conversion
 - f. Other (specify)
 - g. Total
5. Facility:
 - a. Name, Location:
 - b. Type: (GOGO, GOCO, COCO)
 - c. Mission:
 - d. Mobilization Base: (Yes or No)
6. Project Purpose/Benefits: (State objectives)
7. Related Projects
 - a.

Project Number	Title	Value (\$ Mil)	Type	Pacing	Start Date	Compl. Date
(List completely; attach bar chart of projects against time if applicable)						
 - b. Remarks: (Use for any Projects requiring additional amplification)
8. Environmental Impact Assessment Required: (Yes or No) If yes, explain and state when EIS will be available.
9. Principal Milestones: (Month and year)
 - a. Concept Design Complete
 - b. Final Design Complete (Equipment/Construction)
 - c. Initial/Final Project Award
 - d. Construction Complete
 - e. Equipment Installation Complete
 - f. Prove out Begins
 - g. Prove out Complete

TABLE F1. "P" FORM REQUIREMENTS

"P" FORM		APPROPRIATION					COMMENT
NO.	TITLE	ARCFT	MSLE	WTCV	AMMO	OPA-1,2,&3	
3	Modification Summary	X					Contains PIP data Contains PIP data
3a	Modification of Aircraft	X					
5	Aircraft Cost Analysis	X					
7	Advance Procurement Exhibit	X					
12	Missile Cost Analysis		X				
15	Production Support and Facilities Projects	X	X	X	X	X	PBS rqmts PBS rqmts
17	Layaway and/or Distribution of Production Equipment	X	X	X	X	X	Secondary item rqmts
18a	Initial Spares Rqmts	X					
18b	Replenishment Spares and Repair Parts Analysis of Peacetime Objectives	X					
19	"Code B" Item Description	X	X	X	X	X	
20a	Summary Item Readiness Study	X	X	X	X	X	
21	Production Schedule	X	X	X	X	X	Contains TRACE-P data
22	Program Cost Breakdown	X					Contains PIP data
22a	Procurement History & Planning	X	X	X	X	X	
32a	Spare Aircraft Engine Procurement Rqmts-Summary	X					
32b	Spare Aircraft Engine Rqmts Computation	X					
33	Missile Modification		X				
40	Budget Item Justification Sheet	X	X	X	X	X	Contains TRACE-P data

APPENDIX F
PROCUREMENT "P" FORMS

Final draft Procurement "P" forms (exhibits) are submitted to DA in January of every year to become part of the justification documentation used in support of the Congressional review of the President's Budget. However, the "P" forms are prepared in draft for the POM (Winter) and Budget (Summer) AMP reviews since they contain a wide variety of procurement data that is presented at the reviews. Table F1 lists the "P" forms required by appropriation. "P" Forms 15 and 17 are submitted to AMC for the PBS Pre-AMP Reviews in January. They are also prepared for the budget year and as required for pre-budget and are submitted to AMC for use at the Joint DA/AMC Production Base Support (PBS) reviews at HQ AMC in July. Representative "P" forms (#15, 18a, 19, 22, 22a) are included in this appendix for your information.

4. Procurement of Ammunition, Army (AMMO)

a. Finances acquisition of ammunition and modification of in-service stock. Finances related production base support. Includes maintaining, expanding, and modernizing industrial facilities and equipment.

- b. Budget activities: 01 Ammunition
02 Ammunition production base support

5. Other Procurement, Army (OPA)

a. Finances acquisition of: (a) tactical and commercial vehicles to support field forces and the worldwide logistical system; (b) strategic and tactical communications and electronics equipment to provide fixed, semi-fixed, and mobile communications; and such other equipment as:

chemical defensive equipment
tactical bridging
construction equipment
floating devices and rail equipment
generators and power units
material handling equipment
shop sets
medical support equipment
nonsystem training devices
special equipment for user testing

Includes funds for modifying in-service equipment for investment spares and repair parts. Also for production base support.

- b. Budget activities: 01 Tactical and support vehicles
02 Communications and electronic
equipment
03 Other support equipment

APPENDIX E

ARMY PROCUREMENT APPROPRIATIONS

This appendix describes the five Army procurement appropriations and lists their budget activities used to structure program requirements in appropriation requests.

1. Aircraft Procurement, Army (ACFT)

a. Finances acquisition of tactical and utility airplanes and helicopters. Funds purchase of associated electronics and communications equipment and armament plus ground support equipment. Funds modification of in-service aircraft. Funds procurement of depot reparable assemblies, components, and repair parts such as spare engines, transmissions, and gear boxes. Finances related production base support and acquisition of training devices such as flight simulators.

- b. Budget activities:
- 01 Aircraft
 - 02 Modification of aircraft
 - 03 Spares and repair parts
 - 04 Support and equipment facilities

2. Missile Procurement, Army (MSLS)

a. Finances acquisition of surface-to-air, surface-to-surface, anti-tank, and assault missile systems. Funds purchase of major components, targets, test equipment, and depot reparable spares and repair parts. Finances modifications and acquisition of production base support and equipment for depot maintenance facilities.

- b. Budget activities:
- 01 Other missiles
 - 02 Modification of missiles
 - 03 Spares and repair parts
 - 04 Support equipment and other facilities

3. Procurement of Weapons and Tracked Combat Vehicles, Army (WTCV)

a. Finances acquisition of tanks, fighting vehicles, personnel and cargo carriers, and tracked recovery vehicles. Finances acquisition of self-propelled and towed howitzers. Finances procurement of machineguns and mortars. Funds modification of in-service equipment and purchase of depot reparable spares and repair parts. Finances acquisition of production base support and equipment for depot maintenance facilities.

- b. Budget activities:
- 01 Tracked combat vehicles
 - 02 Weapons and other combat vehicles

WEAPON SYSTEM COSTING AND PROGRAMMING

WHAT:

This is a DA-level process (however, AMC is intimately involved with preparing the cost data) which links the acquisition and PPBES processes. It is commonly referred to as the "BCE-PDIP-SAR-MSRS Crosswalk." Its purpose is to improve weapon systems cost estimating and to maintain consistency between the Baseline Cost Estimate (BCE), the Program Development Increment Package (PDIP), the System Acquisition Report (SAR), and the Materiel System Requirements Specification (MSRS).

BACKGROUND:

During 1981-82, the ARSTAF reviewed the Army's system acquisition management process and concluded there is a need to link the PM developed BCE with the ARSTAF developed program and budget estimate submitted during the PPBES. A task force was organized to reconcile acquisition estimates (BCE) with PPBES estimates (PDIP). Cost elements and regulatory documents have been or are being changed to improve the efficiency of the costing of fielding new major systems and to apply the results directly in the PPBES process.

PROCESS:

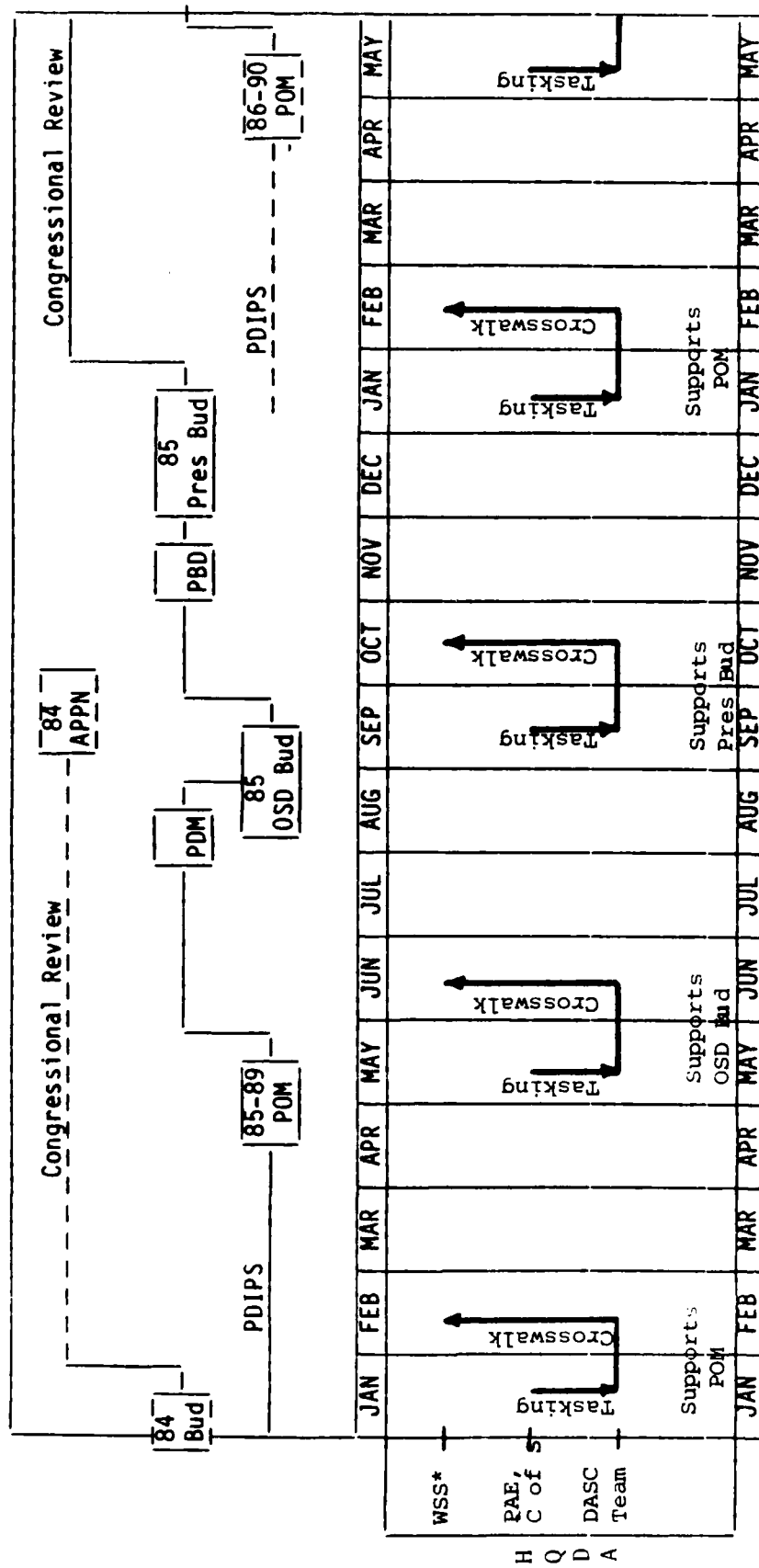
PAED, Office of the Chief of Staff, has overall responsibility for this program. It tasks the Department of the Army System Coordinators (DASC) of the SAR systems to gather the latest program requirements, cost estimates, approved funding, and other information pertaining to their programs. There were seventeen SAR systems in July 1984. The DASC organizes a team consisting of cost people from DA, HQ AMC (Res Mgt), and the PM who prepare a large spread sheet or "horse blanket" containing the PDIP, BCE, SAR, and MSRS crosswalks. The DASC then presents this crosswalk sheet to the Weapons Systems Subcommittee of the Program and Budget Committee (PBC) who assess the linkages and recommend appropriate action to correct any "disconnects" in preparation for the next PPBES phase. The intent is to perform this process three times a year (after the POM to support the OSD Budget, after the OSD Budget to support the President's Budget, and after the President's Budget to support the next POM).

STATUS:

This crosswalk process was first performed in Sep/Oct 1983 following the FY 85 OSD Budget submission. Problems which surfaced during this first attempt caused cancellation of the Jan/Feb 1984 process* to allow time for corrective actions. Subsequently, the second crosswalk process occurred during May/Jun 1984 following the FY 86-90 POM submission.

* NOTE: Since the Jan/Feb 1984 cycle was not performed, the Weapon System Costing and Programming process did not impact on the FY 86-90 POM building process. It is included in this report for information only since it will apply to future programming phases of the PPBES.

FIGURE D. WEAPON SYSTEM COSTING AND PROGRAMMING



*Weapons Systems Subcommittee of the Program and Budget Committee (PBC)

APPENDIX D

WEAPON SYSTEM COSTING AND PROGRAMMING

Weapon System Costing and Programming is a process that performs a crosswalk between the Baseline Cost Estimate (BCE), the Program Development Increment Package (PDIP), the System Acquisition Reports (SAR), and the Materiel System Requirements Specification (MSRS) of the SAR systems in order to maintain consistency and to help link the acquisition and PPBES processes. It is performed after each of the three FYDP locks (POM, OSD Budget, and the President's Budget) to correct any discrepancies as the PPBES process moves into the next phase.

The network (Figure D) and supporting narrative of Weapon System Costing and Programming follow.

CLASSIFICATION

CLASSIFICATION

SSN:

PAGE 1.00

RCS CSCRD-170

BUDGET ACT

ARMY MATERIAL PLAN SUMMARY

PRINT DATE

Undelivered (CY) (BY) (BY+1) (BY+2) (BY+3) (BY+4) (BY+5)
FY 82 & Prior FY83 FY84 FY85 FY86 FY87 FY88 FY89

FYOP PROC

QTY

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

ROTE

QTY

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

NEW PROG

QTY

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

COST

UNIT COST

INITIAL SPARES

OTHER CUST BUY

L

O

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

S

S

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

E

S

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

QTN

RECPTS (FDP)

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

TOT

FDP ASSETS

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

AV

AGE/PCT 4Q LE

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

END

FY ASSETS

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

SUB

REMARKS:

AAO (FY89) SUMMARY

FDP ASSET FILL REQUIREM NTS
FY85 FY89 TOTAL CUM

PKG I - A - FMD DEP (NATO) IIQ

B - RDF (I) IIQ + FLT

C - FMD DEPIKOR) IIQ + FLT

D - TDA TRNG ACT IIQ + FLT

E - RDF (II) IIQ + FLT

F - PONGUS FOR IIQ(-) + FLT

G - PONGUS PREPO PKG

H - 0-15 FMD/RDF/PONGUS

I - 16-30 FMD/RDF/PONGUS

J - AL, PAH, IIQ + FLT

K - RCM FORCE IIQ + FLT

L - 0-30 PTH FOR

M - 0-30 MISA

N - DAL IIQ (PONGUS)

O - 31-60 NATO, KOR/RDF/OTH

P - 31-60 MISA

Q - SPECIAL CONT

R - 61-DAL USMR

S - 61-DAL MISA

T - 61-DAL MISA

U - 61-DAL MISA

TOTAL AAO

BUDGET ACTIVITY/CODE

STANDARD STUDY NUMBER

ICP BRANCH CODE

PAGE

PRINT DATE

2/6/84

AO ELEMENT

PACKAGE I

A--1 FLD DEP (NATO) IIQ + MF
2 FLD DEP (KOR) IIQ + MF
3 ADDITIVE OP PROJ

B--- FDF IIQ + MF

C--- TDA TRNG ACT IIQ + MF

D--- FOCUS FORCE IIQ + MF

E--1 FOCUS DSI REFORGER

2 FOCUS DS223 (2+10)

3 FOCUS MED AUG

4 FOCUS MELOCAEUR

5 FOCUS DSA

6 FOCUS DS586

7 FOCUS 50-CS/CSS

8 FOCUS 95-CS/CSS

F--1 FLD DEP (NATO) 0-30 KR

- 2 FLD DEP (KOR) 0-30 KR

3 RDF 0-30 KR

4 TDA TRNG ACT 0-30 KR

5 FOCUS 0-30 KR

PACKAGE II

G--- AL & PAN IIQ + MF

H--1 1-30 FORCE IIQ + MF

2 31-60 IIQ + MF

3 51-90 IIQ + MF

4 REM FORCE IIQ + MF

I--- 1-160 & REM 0-30 KR

J--1 NATO 31-60 KR

2 KOR 31-60 KR

3 RDF 31-60 KR

4 OTHER 0-30 KR

K--- LPGA 31-60 KR

L--- SCS 31-60 KR

M--- KRSA 0-30 KR

N--- BALANCE IIQ 31-60 KR

PACKAGE III

P--- US KR 61-90 KR

PACKAGE IV

Q--- US KR 91-180 KR

S--- KRSA 61-180 KR

AAO

MEMO ACTIVE

MEMO RESERVE

MEMO ALLIES

STANDARD STUDY NUMBER

PAGE

SSN:

CLASSIFICATION

PAGE 2.01

RCS CSCRD-170

TOTAL REQUIREMENTS
FOR
SSN NOMENCLATURE

PRIME DATE 2/16/84

	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	FY 1983	FY 1984	FY 1985	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998
MAP APPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAP TENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAS APPD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAS TENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER CUSTOMER PROGRAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAR CORPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NAVY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AIR FORCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001

MIN PROD RATE
MIN PROD U-COST
ECON PROD RATE
ECON PROD U-COST
MAX PROD RATE
MAX PROD U-COST

ICP BRANCH CODE

BUDGET ACTIVITY/CODE

STANDARD STUDY NUMBER

PAGE

CLASSIFICATION

CLASSIFICATION

CLASSIFICATION

CLASSIFICATION

PRINT DATE 2/16/84

PAGE 3.00 RCS CSCR0-170

ITEM DATA AND CURRENT ASSET DETAIL

SSN:

1. ASSETS AS OF 30 SEP 83

MILEAGE	TNR	PR	TROOP USE	SVC	F/A	DEP	OT	N	JML	F/H	TOTAL
---------	-----	----	-----------	-----	-----	-----	----	---	-----	-----	-------

NSW	UCF	OCF	P/S	EUR	PAC	CON	AA	NG	AR		
ITEM NOMENCLATURE											
T/C TC-DT CNG CNG-DT											
MAINT DES											

NSW	UCF	OCF	P/S	EUR	PAC	CON	AA	NG	AR		
ITEM NOMENCLATURE											
T/C TC-DT CNG CNG-DT											
MAINT DES											

TOTAL P
TOTAL S
TOTAL C

TOTAL EUR
TOTAL PAC
TOTAL CON
TOTAL AA
TOTAL NG
TOTAL AR

G-5

2. RESEARCH AND DEVELOPMENT DATA

ITEM DESCRIPTION:

SPECIAL ASSETS F8

PLOYMENT OVERSEAS.

ITEM DEVELOPER: USAMERADCON
DA PROJECT NUMBER.....
EODG PARAGRAPH.....
TYPE CLASSIFICATION DATE...
TRANSITION DATE.....
COMPETITIVE PROCUREMENT
PACKAGE DATA.....

ICP BRANCH CODE

SSN

CLASSIFICATION

CLASSIFICATION

PAGE

ITEM DATA AND CURRENT ASSET DETAIL

PRINT DATE 2/6/84

SSN

3. AVERAGE USEFUL LIFE IS YEARS
4. AGE OF INVENTORY

	USEFUL ASSET TOTAL	OVERAGE ASSET TOTAL	TOTAL ASSETS
--	--------------------	---------------------	--------------

19 XX 72
19 XX 71
19 XX 70
19XX 66
19XX 64
19XX 63
19XX 62
19XX 61
19XX 60
19XX 59
19XX 58

Unique
to program

CLASSIFICATION

CLASSIFICATION

SSN

PROCUREMENT AND PRODUCTION DATA

PAGE 4.00

PRINT DATE 2/16/84

NC3 CSCRD-170

1. CONTRACT AND LEAD TIME INFORMATION

3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
190	2	190	3	190	4	190	5	190	6	190	7	190	8	190	9	190
FAC																

PROC METHOD

CONTRACT TYPE

AWARD DATE-FY

DELIV DATE-FY

NO OF YEARS

QUANTITY

PROC METHOD

CONTRACT TYPE

AWARD DATE-FY

DELIV DATE-FY

NO OF YEARS

QUANTITY

LEAD TIME IN MONTHS: ADMIN PROC LAP TOTAL

INITIAL

REORDER

ECON PRO QTY

UNIT COST

MIN PRO QTY

UNIT COST

2. FACILITY DATA AND PRODUCTION CAPABILITY

NO ADDR CD PC FACILITY NAME

SR

MSR

1-0-5

2-0-5

MAX CUM

MAX NOS NO TO RCH

MAX NOS READ CON ASD

3. PRODUCTION BASE SUPPORT DETAIL

3A. INITIAL PRODUCTION FACILITY

3B. RELATED STUDY ITEM INFORMATION

JCP BRANCH CODE

CLASSIFICATION

STANDARD STUDY NUMBER

CLASSIFICATION

PAGE

PROCUREMENT AND PRODUCTION DATA

SSN

PRINT DATE 3/16/84

4. PROCUREMENT AND OTHER RECEIPTS SCHEDULE

83

FISCAL YEAR 19 XX
A FAC ADDR CUS FN FN NSN
C CODE CODE CD YR

OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP TOTAL

TOTAL ARMY FUND
TOTAL ARMY PAYBACK
TOTAL OTHER

84

FISCAL YEAR 19 XX
A FAC ADDR CUS FN FN NSN
C CODE CODE CD YR

OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP TOTAL

TOTAL ARMY FUND
TOTAL ARMY PAYBACK
TOTAL OTHER

85

FISCAL YEAR 19 XX
A FAC ADDR CUS FN FN NSN
C CODE CODE CD YR

OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP TOTAL

TOTAL ARMY FUND
TOTAL ARMY PAYBACK
TOTAL OTHER

86

FISCAL YEAR 19 XX
A FAC ADDR CUS FN FN NSN
C CODE CODE CD YR

OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP TOTAL

TOTAL ARMY FUND
TOTAL ARMY PAYBACK
TOTAL OTHER

thru 90
(Unique to Program)

ICP BRANCH CODE

STANDARD STUDY NUMBER

PAGE

CLASSIFICATION

PROCUREMENT AND PRODUCTION DATA

SSN

PRINT DATE 2/16/84

5. MOBILIZATION PRODUCTION SCHEDULES - WARM BASE
TOTAL PRODUCTION SCHEDULES ARE ZERO

MOBILIZATION PRODUCTION SCHEDULES - COLD BASE
TOTAL PRODUCTION SCHEDULES ARE ZERO

6. MOBILIZATION REQUIREMENTS BUDGET YEAR
D+1 D+2 D+3 D+4 D+5 D+6
LEVEL-1 REQUIREMENTS ARE ZERO

PRINT DATE 2/16/84

FY83
19XX RPL/CON PROOF/T
PREF
SUM
TOTAL
CAT

CONVRS	WASH OUT	DISPOSAL	FIRIAP	OTHER	TRP-SVC	ROK	SALES	TOTAL
--------	----------	----------	--------	-------	---------	-----	-------	-------

FY84
19XX RPL/CON PROOF/T
PREF
SUM
TOTAL
CAT

CONVRS	WASH OUT	DISPOSAL	FIRIAP	OTHER	TRP-SVC	ROK	SALES	TOTAL
--------	----------	----------	--------	-------	---------	-----	-------	-------

FY85
19XX RPL/CON PROOF/T
PREF
SUM
TOTAL
CAT

CONVRS	WASH OUT	DISPOSAL	FIRIAP	OTHER	TRP-SVC	ROK	SALES	TOTAL
--------	----------	----------	--------	-------	---------	-----	-------	-------

FY86
19XX RPL/CON PROOF/T
PREF
SUM
TOTAL
CAT

CONVRS	WASH OUT	DISPOSAL	FIRIAP	OTHER	TRP-SVC	ROK	SALES	TOTAL
--------	----------	----------	--------	-------	---------	-----	-------	-------

FY87
19XX RPL/CON PROOF/T
PREF
SUM
TOTAL
CAT

CONVRS	WASH OUT	DISPOSAL	FIRIAP	OTHER	TRP-SVC	ROK	SALES	TOTAL
--------	----------	----------	--------	-------	---------	-----	-------	-------

FY88
19XX RPL/CON PROOF/T
PREF
SUM
TOTAL
CAT

CONVRS	WASH OUT	DISPOSAL	FIRIAP	OTHER	TRP-SVC	ROK	SALES	TOTAL
--------	----------	----------	--------	-------	---------	-----	-------	-------

FY89
19XX RPL/CON PROOF/T
PREF
SUM
TOTAL
CAT

CONVRS	WASH OUT	DISPOSAL	FIRIAP	OTHER	TRP-SVC	ROK	SALES	TOTAL
--------	----------	----------	--------	-------	---------	-----	-------	-------

Unique to Region

DIVE DATA 48/71/4

00-9
PAGE 6-00

MS

PROGRAM COST

SSN NOMENCLATURE

CATALOG COST

BREAKDOWN FORMAT CODE 4 -OTHER-

DETAIL CODE	FISCAL YEAR	PROD PGM UC5Y	QUANTITY	PROD PGM UC5Y	SPL CST OYL-C25	ITEM NAMEWARE	GRNLT-171110	ENG CHG	SPEC TCN12125	STK FD BILI	SUM-TOTAL
-------------	-------------	---------------	----------	---------------	-----------------	---------------	--------------	---------	---------------	-------------	-----------

2008-03-03

100%

1982
H

306

800

1961
L-11

1990

1981

ENGINEERING
GOVERNMENT &
CONSTRUCTION &
ELECTRICITY
QUAL ASSURANCE
SOCIALIZATION
P FIN ACFT TST
REP CARE PRES
PRODUCT IMPVMT
ADVANCE PROC
ADV PROC CR
TOTAL PGH CST
TOTAL PGH UCST

3003 HXIVBB DJI

STANDARD STUDY NO.

PAGE

1. IN USE DENSITY (END OF YEAR)

EUROPE	PACIFIC	ACTIVE ARMY	NATIONAL GUARD	ARMY RESERVE	TOTAL
DENSITY GENS	ADJ DENSITY GENS	ADJ DENSITY GENS	ADJ DENSITY GENS	DENSITY GENS	DENSITY GENS

83
FY 19XX
84
FY 19XX
85
FY 19XX
86
FY 19XX
87
FY 19XX
88
FY 19XX
89
FY 19XX
90
FY 19XX
91
FY 19XX
92
FY 19XX

2. READINESS

- A. INIT. AUTH.
- B. AAO/DIST. BONT.
- C. TOT SVC AT EGY
- D. TOT UNSVC EGY
- E. PCT READY--I.A.
- F. PCT READY--AAD
- G. LOSSES-SVC
- H. LOSSES-UNISVC
- I. DEPOT SVC

4
FY 198X
--- COMUS ---
EUR. PAC. A.A. N.G. A.R.

5
FY 198X
--- COMUS ---
EUR. PAC. A.A. N.G. A.R.

6
FY 198X
--- COMUS ---
EUR. PAC. A.A. N.G. A.R.

2. CONTINUED

- A. INIT. AUTH.
- B. AAO/DIST. BONT.
- C. TOT SVC AT EGY
- D. TOT UNSVC EGY
- E. PCT READY--I.A.
- F. PCT READY--AAD
- G. LOSSES-SVC
- H. LOSSES-UNISVC
- I. DEPOT SVC

7
FY 198X
--- COMUS ---
EUR. PAC. A.A. N.G. A.R.

8
FY 198X
--- COMUS ---
EUR. PAC. A.A. N.G. A.R.

9
FY 198X
--- COMUS ---
EUR. PAC. A.A. N.G. A.R.

POINT DATE 2/16/84

MSB

FORCASTER

3. MAINTENANCE SCHEDULE

4.8

FISCAL YEAR 1993

DATE	TIME	TYPE	BY	PROG	THE TYPE
11/11/68	10:00	TYPE	BY	PROG	THE TYPE

SCHEID	FLUG	TYPE	CD	INT
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20
21	21	21	21	21
22	22	22	22	22
23	23	23	23	23
24	24	24	24	24
25	25	25	25	25
26	26	26	26	26
27	27	27	27	27
28	28	28	28	28
29	29	29	29	29
30	30	30	30	30
31	31	31	31	31
32	32	32	32	32
33	33	33	33	33
34	34	34	34	34
35	35	35	35	35
36	36	36	36	36
37	37	37	37	37
38	38	38	38	38
39	39	39	39	39
40	40	40	40	40
41	41	41	41	41
42	42	42	42	42
43	43	43	43	43
44	44	44	44	44
45	45	45	45	45
46	46	46	46	46
47	47	47	47	47
48	48	48	48	48
49	49	49	49	49
50	50	50	50	50
51	51	51	51	51
52	52	52	52	52
53	53	53	53	53
54	54	54	54	54
55	55	55	55	55
56	56	56	56	56
57	57	57	57	57
58	58	58	58	58
59	59	59	59	59
60	60	60	60	60
61	61	61	61	61
62	62	62	62	62
63	63	63	63	63
64	64	64	64	64
65	65	65	65	65
66	66	66	66	66
67	67	67	67	67
68	68	68	68	68
69	69	69	69	69
70	70	70	70	70
71	71	71	71	71
72	72	72	72	72
73	73	73	73	73
74	74	74	74	74
75	75	75	75	75
76	76	76	76	76
77	77	77	77	77
78	78	78	78	78
79	79	79	79	79
80	80	80	80	80
81	81	81	81	81
82	82	82	82	82
83	83	83	83	83
84	84	84	84	84
85	85	85	85	85
86	86	86	86	86
87	87	87	87	8

[illegible]

PROD

W/O 1/M

ACT DEL

2004

W/LOAD

ACT DEL

58

FISCAL YEAR 1981

THE FY PROG THE TYPE

SCIED	FUND	TYPE	CD	MIT
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20
21	21	21	21	21
22	22	22	22	22
23	23	23	23	23
24	24	24	24	24
25	25	25	25	25
26	26	26	26	26
27	27	27	27	27
28	28	28	28	28
29	29	29	29	29
30	30	30	30	30
31	31	31	31	31
32	32	32	32	32
33	33	33	33	33
34	34	34	34	34
35	35	35	35	35
36	36	36	36	36
37	37	37	37	37
38	38	38	38	38
39	39	39	39	39
40	40	40	40	40
41	41	41	41	41
42	42	42	42	42
43	43	43	43	43
44	44	44	44	44
45	45	45	45	45
46	46	46	46	46
47	47	47	47	47
48	48	48	48	48
49	49	49	49	49
50	50	50	50	50
51	51	51	51	51
52	52	52	52	52
53	53	53	53	53
54	54	54	54	54
55	55	55	55	55
56	56	56	56	56
57	57	57	57	57
58	58	58	58	58
59	59	59	59	59
60	60	60	60	60
61	61	61	61	61
62	62	62	62	62
63	63	63	63	63
64	64	64	64	64
65	65	65	65	65
66	66	66	66	66
67	67	67	67	67
68	68	68	68	68
69	69	69	69	69
70	70	70	70	70
71	71	71	71	71
72	72	72	72	72
73	73	73	73	73
74	74	74	74	74
75	75	75	75	75
76	76	76	76	76
77	77	77	77	77
78	78	78	78	78
79	79	79	79	79
80	80	80	80	80
81	81	81	81	81
82	82	82	82	82
83	83	83	83	83
84	84	84	84	84
85	85	85	85	85
86	86	86	86	86
87	87	87	87	87</

[illegible]

PHOG

0501/44

ACT DEL

2

XX6E BV3A 7V514

TYPE	FY	PROG	THE TYPE
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

SCIENTIFIC NAME	FLWR	TYPE	CD	MT
...

[illegible]

PROC

W/LOAD

ACT DEL

Extends outwards
as applicable

ICP BRANCH CODE

100

3

TABLE VI
APPROPRIATION-FUNDED REPARABLES

FY 84 FY 90
(7 columns of data below)

Repair Funding (Peacetime)

1. Unserviceable backlog (repair cost) on hand beginning of FY.
2. Unserviceable (repair cost) expected during FY.
3. Total repair rqmts for FY (repair cost).
4. POM funding for unserviceable repair during FY (exclude war reserve rqmts).
5. Unserviceable backlog (repair costs) on hand end FY.
6. Avg percent of repair cost to procurement cost.

Repair Funding (War Reserves)

1. Unserviceable (repair cost) on hand beginning of FY.
2. POM funding for unserviceable repair during FY.
3. Unserviceables (repair cost) on hand end of FY.

Procurement Funding (Peacetime Replenishment)

1. Materiel Requirements.
 - a. Peacetime inventory objectives (less initial spares).
 - b. Materiel usage.
 - c. Total materiel requirements.
2. Less Materiel Availability.
 - a. Inventories applicable at beginning of period.
 - b. Materiel on order.
3. Total procurement requirements.
4. Procurement requirement offsets.
5. Net procurement requirement.
6. POM funding.
7. Unfunded procurement requirements.

Procurement Summary Data

1. Safety Level.
2. Procurement Lead Time.
3. Procurement Cycle.
4. Repair Cycle.
5. Other Stockage Objectives.
6. Materiel Return Rates.

VI (continued)

Initial Spares

Requirements.
Funding.

Total POM Proposed Funding (Peacetime & War Reserves)

Repair (O&M).
Procurement.

AD-A152 453 MANAGEMENT ANALYSIS OF THE PROGRAMMING PROCESS (MAPP)
PHASE II PROCUREMENT APPROPRIATIONS(U) LOGISTICS
STUDIES OFFICE (ARMY) FORT LEE VA R D ABEYTA ET AL.

2/2

UNCLASSIFIED OCT 84 LSO-858-2

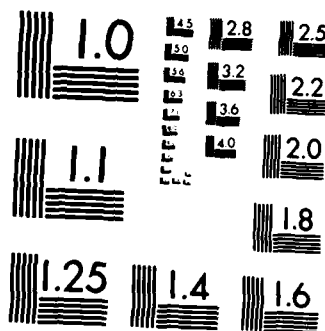
F/G 5/1

NL

END

FILED

DTIC



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

RDAISA-WUA-XXSS109

109 REPORT

25 Apr 84

PROCUREMENT SUMMARY INCREMENT REPORT
FY 86-90 POM

FY 86 FY 87 FY 88 FY 89 FY 90

Appn _____

SSN and Nomenclature

FY 85 Qty _____ Cost _____

Priority _____ PDIP _____

QTY
COST

POM

-

-

Priority _____ PDIP _____

QTY
COST

AMP

-

-

Priority _____ PDIP _____

QTY
COST

LRRDAP

-

-

.
.
.

(in sequence by Appn/SSN)

LONG RANGE RDA PLAN FY 86-99
VOLUME II
ARMY PRIORITIZATION
SECTION 2
PROCUREMENT

21 Jun 83

RDAISA-WUH-PRPD002

FUNDED	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89	FY 99
--------	-------	-------	-------	-------	-------	-------	---------	-------

SSN and Nomenclature

PRI	-	-	-	-	-	-		-
COST	-	-	-	-	-	-		-
.								
.								

(in sequence by current priority)

UNFUNDED	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89	FY 99
----------	-------	-------	-------	-------	-------	-------	---------	-------

SSN and Nomenclature

PRI	-	-	-	-	-	-		-
COST	-	-	-	-	-	-		-
.								
.								

(in sequence by current priority)

LONG RANGE RDA PLAN FY 86-00
VOLUME II
ARMY PRIORITIZATION
SECTION 2
PROCUREMENT

31 Aug 83
(Sep 83)

RDAISA-WUH-PRPD002

FUNDED	FY 85	FY 86	FY 87	FY 88	FY 89	FY 90	FY 00
--------	-------	-------	-------	-------	-------	-------	---------	-------

SSN and Nomenclature

PRI	-	-	-	-	-	-	-	-
COST	-	-	-	-	-	-	-	-
.								
.								

(in sequence by current priority)

UNFUNDED	FY 85	FY 86	FY 87	FY 88	FY 89	FY 90	FY 00
----------	-------	-------	-------	-------	-------	-------	---------	-------

SSN and Nomenclature

PRI	-	-	-	-	-	-	-	-
COST	-	-	-	-	-	-	-	-
.								
.								

(in sequence by current priority)

LONG RANGE RDA PLAN FY 86-00
VOLUME II
ARMY PRIORITIZATION
SECTION 2
PROCUREMENT

30 Dec 83

RDAISA-WUH-PRPD002

FUNDED	FY 85	FY 86	FY 87	FY 88	FY 89	FY 90	FY 00
--------	-------	-------	-------	-------	-------	-------	---------	-------

SSN and Nomenclature

PRI	-	-	-	-	-	-		-
COST	-	-	-	-	-	-		-
.								
.								

(in sequence by current priority)

G-19

UNFUNDED	FY 85	FY 86	FY 87	FY 88	FY 89	FY 90	FY 00
----------	-------	-------	-------	-------	-------	-------	---------	-------

SSN and Nomenclature

PRI	-	-	-	-	-	-		-
COST	-	-	-	-	-	-		-
.								
.								

(in sequence by current priority)

FYDP PROCUREMENT ANNEX
(FY 82 & PRIOR THRU FY 89)

POM FY 85-89

11 May 83

TOA

ITEM NOMENCLATURE	FY 82 & PRIOR	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89	COST TO COMPLETE	TOTAL
Nomenclature and SSN										
Total Current Year	-	-	-	-	-	-	-	-	-	-
Initial Spares	-	-	-	-	-	-	-	-	-	-
Procurement Cost	-	-	-	-	-	-	-	-	-	-
ESC Total Cur Year	-	-	-	-	-	-	-	-	-	-
ESC Initial Spares	-	-	-	-	-	-	-	-	-	-

.

(in sequence by Appn/Sequence number)

FYDP PROCUREMENT ANNEX
(FY 82 & PRIOR THRU FY 89)

OSD/OMB FY 1985 BUDGET SUBMISSION

15 Sep 83

TOA

ITEM NOMENCLATURE	FY 82 & PRIOR	FY 83	FY 84	FY 85	FY 86	FY 87	FY 88	FY 89	COST TO COMPLETE	TOTAL
Nomenclature and SSN										
Total Current Year	-	-	-	-	-	-	-	-	-	-
Initial Spares	-	-	-	-	-	-	-	-	-	-
Procurement Cost	-	-	-	-	-	-	-	-	-	-
ESC Total Cur Year	-	-	-	-	-	-	-	-	-	-
ESC Initial Spares	-	-	-	-	-	-	-	-	-	-

•
•
•

(in sequence by Appn/Sequence number)

APPENDIX H

ACRONYMS

ADP	Automated Data Processing
AIF	Army Industrial Fund
AMC	US Army Materiel Command
AMP	Army Materiel Plan
AMSAA	US Army Materiel Systems Analysis Activity
APPN	Appropriation
ARSTAF	Army Staff
ASF	Army Stock Fund
BCE	Baseline Cost Estimate
BFY	Budget Fiscal Year
CECOM	US Army Communications-Electronics Command
CFY	Current Fiscal Year
DA	Department of the Army
DARCOM	US Army Materiel Development and Readiness Command
DASC	Department of Army Systems Coordinator
DCS	Deputy Chief of Staff
DEA	Development, Engineering, and Acquisition
DESCOM	US Army Depot System Command
DMPE	Depot Maintenance Plant Equipment
EPA	Extended Planning Annex (to the POM)
EPR	Economic Production Rate
FISO	Force Integration Staff Officer
FYDP	Five-Year Defense Program
IBEA	Industrial Base Engineering Activity
LIF	Layway of Industrial Facilities
LOI	Letter of Instruction
LRRDAP	Long-Range Research, Development, and Acquisition Plan
LSO	Logistics Studies Office
MACOM	Major Command
MAPP	Management Analysis of the Programming Process
MARDIS	Modernized Army Research and Development Information System
MCA	Military Construction, Army
MSC	Major Subordinate Command(s)
MSRS	Materiel System Requirement Specification
MYP	Multiyear Procurement
O&S	Operating and Support
OASA(RDA)	Office of Assistant Secretary of the Army (Research, Development, and Acquisition)

ACRONYMS (continued)

ODCSLOG	Office of Deputy Chief of Staff for Logistics
ODCSOPS	Office of Deputy Chief of Staff for Operations and Plans
ODCSRDA	Office of Deputy Chief of Staff for Research, Development, and Acquisition
OMA	Operations and Maintenance, Army
OMB	Office of Management and Budget
OPA	Other Procurement, Army
OPS	See ODCSOPS
OSD	Office of the Secretary of Defense
PAE	Program Analysis and Evaluation
PARR	Program Analysis and Resource Review
PBC	Program and Budget Committee
PBD	Program Budget Decision
PBS	Production Base Support
PDB	Procurement Data Base
PDIP	Program Development Increment Package
PDM	Program Decision Memorandum
PIF	Provisioning of Industrial Facilities
PIP	Product Improvement Proposal/Program
PM	Program Manager
POM	Program Objective Memorandum
P&P	Procurement and Production
PPBES	Planning, Programming, Budgeting, and Execution System
PPBS	Planning, Programming, and Budgeting System
PPPG	Procurement Planning and Policy Guidance
PRMS	Program Resource Management System
PTFD	Personnel, Training, and Force Development
RAC	Resources Action Committee
RCS	Report Control Symbol
RDA	See ODCSRDA
RDAISA	RDA Information Systems Agency
RDTE	Research, Development, Test and Evaluation
SAMPAM	System for Automation of Materiel Plans for Army Materiel
SAR	System Acquisition Report
SMT	Supply, Maintenance, and Transportation
SSN	Standard Study Number
TOA	Total Obligational Authority
TPM	Technology Planning and Management
TRACE-P	Total Risk Assessing Cost Estimate for Production
TRADOC	US Army Training and Doctrine Command
USAREUR	United States Army, Europe
WSSM	Weapon System Staff Manager
WTCV	Weapons and Tracked Combat Vehicles

APPENDIX I

GLOSSARY

Appropriation - An authorization by Congress to incur obligations for specified purposes and to make subsequent payments out of the US Treasury.

Army Acquisition Objective (AAO) - The quantity of an item the Army has authorized for acquisition. It is the quantity required to equip the US Army approved force in peacetime and to sustain that force and specified allies in wartime from D-Day through the period and at the level of support prescribed by the latest OSD Defense Guidance (DG).

Army Materiel Plan (AMP) - The source document from which Army procurement programs and budgets are developed. It reflects quantities necessary to equip an initial wartime force and to keep this force fully operational during the timeframe of a war scenario. An AMP is made for major items of equipment and ammunition. It is produced semiannually by the AMC subordinate commands and contains approved and planned programs for the prior, current (execution), budget and four subsequent fiscal years.

Army Stock Fund (ASF) - A means for consolidated management, financing, control, and accounting for the procurement and inventory of those items of materials, supplies and equipment, the costs of which are chargeable, when issued, to a number of consuming activities. (AR 310-25)

Associated Support Item of Equipment (ASIOE) - An end item or assemblage dedicated to the operation, maintenance, or transportation of a basis of issue plan item. Associated support items of equipment are separately documented in and/or authorized by TOE/MTOE/TDA/CTA/JTA. Associated support items of equipment requirements are identified in the BOIP for the item they support.

Baseline Cost Estimate (BCE) - A generic term denoting a complete, detailed, and fully documented estimate of materiel system life cycle costs accomplished by the system proponent (project manager). It is a dynamic document, appropriately refined and updated throughout the acquisition cycle. It serves, after review and validation, as the principal cost estimate for that system. (AR 11-18)

Basis of Issue Plan (BOIP) - The approved Army requirement for fielding of new equipment. It identifies the type of TOE/TDA unit to receive the new equipment and the quantity to be received. It identifies replaced equipment and associated support items of equipment (ASIOE) also.

Budget Stratification Tables - Show the line item requirement/asset comparison of the wholesale supply system requirements and assets for three separate and distinct periods of time, i.e., stratification date, apportionment year, and budget year. The tables are prepared at least four times a year, 30 June, 30 September, 31 December, and 31 March.

Budget Year - The fiscal year following the current fiscal year (CY). For example, in FY 1984 the budget year is 1985.

Continuing Balance System-Expanded (CBS-X) - A transaction accounting system which stratifies asset data to unit level and by purpose and condition code for depot. It produces the Army's official worldwide asset position for RICC-1 and RICC-2 Procurement Appropriations principal items.

Current Year - The current fiscal year. It is also called the execution year.

Defense Guidance - A major product of the OSD fall planning cycle, normally issued in late January. It contains seven sections. Sections I through IV guide and direct defense planning, force development, and force structuring. Section V provides resource planning guidance, directing the application of resources to achieve the selected or preferred course of action. Its planning criteria, assumptions, and priorities guide the Services when allocating resources to the industrial base and among the competing demands of force structure, readiness, modernization, and sustainability. Section VI gives tentative fiscal guidance. It forecasts total obligational authority (TOA) for the 5-year program period plus the 10-year extended planning period. Section VII identifies issues requiring the attention of top management or further study.

Department of the Army Long-Range RDA Plan (DA LRRDAP) - It displays RDTE and Procurement programs over a 15-year period. Beginning with the LRRDAP 86-2000, it will serve as the Army's central planning document in establishing the relative priorities, scope, and detail of RDA program formulation for both Procurement and RDTE programs. It will be updated following major decision points such as POM submission, PDM, OSD budget submission, and the President's budget.

Department of the Army System Coordinator (DASC) - Individual or team in ODCSRDA that coordinates the status of all events of the Life Cycle System Management Model for a major system (or special nonmajor system) requiring in-process review (IPR) approval.

Depot Maintenance Plant Equipment (DMPE) - An element of PBS. It funds facilities for initial maintenance at depots in support of new weapon systems.

Depot System Command (DESCOM) - It maintains AMC's storage and production facilities, is responsible for maintaining, overhauling, and repairing all major Army systems, and provides ADP support to HQ AMC. It is located at Chambersburg, PA.

Extended Planning Annex (EPA) - An annex to the Program Objective Memorandum (POM). It extends the 5-year program of the POM 10 additional years. The value of the EPA as a PPBES event is that it influences program decisions by identifying long term objectives and assessing the resources needed to achieve them.

Five Year Defense Program (FYDP) - The FYDP and its separately published Procurement and RDTE annexes constitute the official summary of programs approved by the Secretary of Defense. The FYDP specifies force levels in terms of major mission programs and support objectives and projects. It also lists corresponding total obligational authority and manpower. For each category, it records totals by prior fiscal year, current fiscal year, and budget year. It then records totals for succeeding fiscal years known as outyears. FYDP totals

for manpower and total obligational authority cover five outyears. For force levels, they cover eight outyears. The FYDP serves as the controlling internal working document of the DOD PPBS and periodically records its major outputs: proposed programs and budget estimates.

Force Integration Staff Officer (FISO) - An individual in ODCSOPS who serves as the HQDA user representative for a specific system. The FISO provides continuous coordination necessary for integration of a new system into the Army force structure.

FYDP Updates - In January, before release of the President's budget by the Office of Management and Budget, the Program Analysis and Evaluation Directorate (PAED), Office of the Army Chief of Staff, updates the Five Year Defense Program (FYDP). The update establishes the approved baseline for developing the Program Objective Memorandum (POM). In May, PAED updates the FYDP to reflect resource allocations of the proposed POM submitted to the Office of the Secretary of Defense. In October, PAED updates the FYDP to reflect data in the OSD budget submission.

Industrial Base Engineering Activity (IBEA) - Serves as the technical arm of HQ AMC on the Industrial Preparedness and Manufacturing Programs. It is located at Rock Island Arsenal, Rock Island, Illinois.

Initial Issue Quantity (IIQ) - The basic troop unit requirement as reflected in a requirements or authorization document such as a TOE, MTOE, TDA, etc. It is the quantity of equipment a unit needs in order to perform its mission in event of war. The total MTOE/TDA quantity is derived from LOGSACS by applying the LIN/SSN X-Reference File and by adding the number of items that appear in the required columns of the LOGSACS input documents; i.e., TAADS, TOE, and BOIP for all units in the force. The IIQ is the largest element of the AAO for equipment.

Issue - Something in dispute or to be decided.

Layaway of Industrial Facilities (LIF) - An element of PBS. It provides for layaway of industrial plants, production equipment, special tooling, and test equipment not required to support current production but retained to provide production capability to meet mobilization requirements.

Line Item Number (LIN) - A six-character alphanumeric assigned to a generic nomenclature by the US Army AMC Catalog Data Activity (CDA) as requested by commodity commands to identify the line on which the official generic nomenclature is listed. It is used in supply management for consolidating and/or providing visibility of assets, requirements, and other data.

Logistics Structure and Composition System (LOGSACS) - A series of computer programs that selectively combine and manipulate forces and requirements/authorization data for selected real force or planning force to produce statements of projected equipment requirements to support PPBES, procurement, distribution, training activities, and other programs.

Manufacturing Methods and Technology (MMT) - An element of PBS. It provides funds to improve industrial productivity. MMT and MACI programs will be funded in the RDTE appropriation beginning in FY 85.

Material System Requirements Specification (MSRS) - Early in the development cycle of a system, the MSRS records in one place the minimum system requirements information required before any cost estimating and cost analysis can take place.

Military Adaptation of Commercial Item (MACI) - An element of PBS. It funds conversion of civilian items to military use. MACI and MMT programs will be funded in the RDTE appropriation beginning in FY 85.

Modernized Army Research and Development Information System (MARDIS) - An automated system that provides data on performance, resource requirements, resources distribution, and milestones of Army RDTE projects or tasks.

Operational Projects (OP) - Allowances for the provision of supplies in addition to normal MTOE/TDA quantities to support specific logistic, operational, or contingency plans. Operational projects may be additive or nonadditive; however, only additive projects are included in the AAO. Nonadditive OPs do not increase the gross requirements, but do represent a claim on the equipment available to fulfill the overall distribution requirements in peacetime.

Planning, Programming, Budgeting, and Execution System (PPBES) - The Army's primary resource management system. It replaced the Army's PPBS during the FY 1984-1988 cycle in order to reemphasize Army review of program and budget execution.

Pre-Planned Product Improvement (P3I) - An acquisition concept which programs resources to accomplish the orderly and cost effective phased growth or evolution of a system's capability, utility, and operational readiness.

Procurement Data Base (PDB) - A detailed data collection file maintained by ODCSRDA for items with high visibility, high dollar value inventory, and items with procurement programs reflected in the "P" Form P-1 and the FYDP.

Procurement Forms ("P" Forms) - A series of forms, whose formats are specified in OSD Budget Manual 7110-1-M, for the detailed display of supporting data for the various procurement appropriations. The Department of the Army, ODCSRDA, submits the forms to OSD/OMB during the OSD/OMB Budget cycle. The forms contain detailed data (quantity, cost, cost analysis, production schedule, spares, contractor info, etc.) for each procurement program. The particular "P" forms required from the MSCs depend on the appropriation.

Procurement Summary Increment Report - RDAISA 109 Report containing Army priorities (from LRRDAP) and quantity and cost (from the latest POM or OSD budget) for each procurement program. It represents DA's dollar guidance to AMC for preparation of the AMP. The 109 Report, dated December 1983, contained the current FY 85 Pres Budget position and included adjustments from the four-star level LRRDAP review.

Procurement Worksheets - A RDAISA product containing quantity, cost, and AAO data thru the POM years. Data is entered into the Procurement Data Base (PDB) by updating the various procurement worksheet pages. In preparation for the AMP review, the MSCs mark up pages A, B, C, M, and N.

Product Improvement - Those changes to an item required to fix design problems or design oversights in the original model, to achieve savings in production costs and energy consumption, to enhance standardization and interoperability, to comply with legislative requirements, and to achieve cost effective RAM improvements.

Production Base Support (PBS) - This insures a procurement program is consistent with the capability of the current or planned production base and will be deliverable by the production base within the POM Funded Delivery Periods (FDP). The PBS Program consists of the following elements: (1) Provisioning of Industrial Facilities (PIF), Depot Maintenance Plant Equipment (DMPE), Manufacturing Methods and Technology (MMT), Military Adaptation of Commercial Items (MACI), and Layaway of Industrial Facilities (LIF).

Program Budget Decision (PBD) - A budget decision issued by OSD subsequent to their review of the Army's budget submission.

Program Development Increment Package (PDIP) - Identifies all of the resources associated with obtaining a specified capability of function (e.g., modernize a prescribed number of tank battalions with M1 tanks by a certain fiscal year). For resources, the PDIP facilitates decision-making by relating those resources to program output and aids in prioritizing competing programs and activities.

Program Decision Memorandum (PDM) - Issued by OSD as the result of the Secretary of Defense's decisions on the annual POM submissions of the military departments. Decisions may cause increases/decreases in selected Army programs and may also revise instructions contained in the Defense Guidance. The Army is permitted to reclaim PDM decisions it considers detrimental to its programs.

Program Element (PE) - The 10 major defense programs subdivide into program elements (PE). Each is identified by a five-digit numeric code with an alpha suffix indicating the Department of the Defense component. Program elements represent integrated activities combining men, equipment, and facilities that together constitute an identifiable military capability (e.g., a division in Europe) or supporting activity (e.g., a supply depot). Program elements constitute the basic building blocks of the Five Year Defense Program.

Program Objective Memorandum (POM) - Submitted each spring, the POM formally transmits to the Office of the Secretary of Defense the proposed Army program. It presents intended activities and undertakings and identifies the manpower and total obligational authority needed over the next 5-year period to build and maintain the desired force and provide and operate its sustaining base. The POM describes all aspects of Army programs to maintain and improve the capability of the total Army (Active Army, Army National Guard, Army Reserve). It highlights forces, manpower, and materiel acquisition.

Program Quantity and Cost Report - RDAISA 245 Report. It is similar to the RDAISA 109 Report but less detailed (e.g., it does not contain PDIPs).

Program Year - The fiscal year in the FYDP following the budget year. For example, in FY 1984, the budget year is FY 1985, and the first program year is FY 1986. Subsequent program years are known as outyears.

Provisioning of Industrial Facilities (PIF) - An element PBS. It provides funds in support of initial production facilities, expansion, and modernization that are required in connection with approved facilities projects.

RDTE Project Listing - An annex to the FYDP containing the RDTE appropriation data.

Research, Development, and Acquisition Information Systems Agency (RDAISA) - An agency of the Computer Systems Command that provides ADP support to DCSRDA. Located at Radford, Virginia.

Research, Development, Test, and Evaluation (RDTE) - The Army's development appropriation. It finances research, development, and testing.

Resources Action Committee (RAC) - The primary operational structure for approving, coordinating, evaluating, and adjusting HQ AMC PPBES actions from a whole-command standpoint, with the objective of assuring multiple appropriation and system/functional resource balance. (DARCOM-R 11-4, Vol 1)

Selected Acquisition Report - A quarterly report submitted to Congress that compares current estimates of technical capability, schedule, quantity, and costs with planning or development estimates. It applies to major weapons systems reaching review Milestone II that are estimated to cost more than \$75 million in RDTE funds or more than \$300 million in cumulative procurement.

Signed MFR - A written post-AMP review report signed (to show consensus) at the end of the AMP review by the DA/AMC co-chairpersons and the MSC. It contains a general statement of the results of the review of each major item/system, a statement of any problems, and required after-actions. It also contains the majority of the MSC's issues.

Standard Study Number (SSN) - An 11-character, alphanumeric identification number used to indicate either a single LIN/DODAC or a group of LINS/DODACs for which computations for an AMP are required. The SSN File System contains the SSN standard cross-reference data (SSNs to LINS and LINS to SSNs, etc.) and factors such as maintenance float, replacement factors, pipeline, and ammunition rates (see AR 710-60) and provides an automated means of grouping related equipment and ammunition (Families) items at various levels for accounting purposes.

Stovepipes - Functional and technical staff channels of communications between organizational levels supplement formal command and staff relationships. Often termed "stovepipes," functional channels provide a direct and highly responsive staffing path to transmit guidance and tasks and to effect staff coordination.

Structure and Composition System (SACS) - A network of computer programs designed to organize data concerning force structure, personnel, and equipment requirements necessary to equip and man a select Army force. From these data, the total equipment/personnel requirements for the current year, budget year, and five program years are computed. The personnel data are organized in the PERSACS format, and the equipment data are organized in the LOGSACS format. LOGSACS output is one of the primary inputs for development of the Army Acquisition Objective (AAO). The term "structure" refers to the list of MTOE and TDA limits which constitute the force selected for computation and the term "composition" refers to the personnel or materiel information which is developed by the SACS process. SACS is not a data base.

System for Automation of Materiel Plans for Army Materiel (SAMPAM) - A computerized system used to prepare the AMP. The SAMPAM data base is comprised of six sectors. This data is restructured in the actual SAMPAM report submitted by the MSCs to DCSRDA (RDAISA) into seven "pages."

The SAMPAM data base sectors are:

- (1) Gross requirement, AAO, and elements making up the gross requirement quantity.
- (2) Procurement data such as procurement leadtime, contract data, and delivery schedules.
- (3) Item identification and asset positions for major items in the Army inventory at a specific point in time.
- (4) Losses to the Army inventory.
- (5) Program cost data for procurement and modification programs.
- (6) Overhaul data including depot overhaul requirements and schedules.

The SAMPAM report pages are:

- (1) Army Materiel Plan Summary
- (2) Requirements Detail
- (3) Item Data and Current Asset Detail
- (4) Procurement and Production Data
- (5) Past and Projected Losses
- (6) Program Cost
- (7) Maintenance Data Forecasted

Total Army Equipment Distribution Plan (TAEDP) - A management information system which projects equipment requirements/authorization by UIC, total Army, through the POM years. Consolidates data concerning LOGSACS, BOIP, unit assets, procurement, and maintenance. It supports the Army's POM and is used by AMC to validate requisitions for equipment.

Total Obligational Authority (TOA) - A program and budget control used by the OSD and the services to establish specific dollar limitations for each level in the program/budget preparation process.

Total Risk Assessing Cost Estimate for Production (TRACE-P) - A concept for identification and funding for specific technological risks encountered within selected procurement programs during transition from RDTE through the first three years of significant quantity production.

Weapon System Staff Manager (WSSM) - HQ AMC point of contact for a system.
His job is to coordinate the development of a HQ AMC position on acquisition issues for his system.

APPENDIX J
BIBLIOGRAPHY

Government Policy and Doctrine

AMC Regulation 11-4, AMC Planning, Programing, Budgeting, and Execution System: Concepts, Policies, and Responsibilities, Vol 1, 1 July 1983; Vol 7, Draft; and Vol 8, 16 May 1978.

AMC Regulation 700-5, Procedural Logistics, Major Item Management, September 1978.

Army Regulation 37-111, Working Capital Funds-Army Stock Fund, Uniform Policies, Principles, and Procedures Governing Army Stock Fund Operations, 15 January 1982.

DOD Budget Guidance Manual 7110-1-M, 8 July 1982.

Procurement Planning and Policy Guidance, ODCSRDA, 1 November 1982.

Government Publications

AMC/TRADOC Pamphlet 70-2, Materiel Acquisition Handbook, AMC-TRADOC 1984, 20 January 1984.

Handbook, Planning, Programing, Budgeting, and Execution System (PPBES) Handbook, PA&E Directorate, Office of the Chief of Staff, Department of the Army, 1982.

Manual, The Program Development Increment Package (PDIP): A Procedures Manual, PA&E Directorate, Office of the Chief of Staff, Department of the Army, 1981.

END

FILMED

5-85

DTIC